Xerox WorkCentre 4150, 4250, 4260 Family
Service Manual

April 2009

WorkCentre 4150, 4250, 4260 Family

Service Documentation

WorkCentre 4150, 4250, 4260 Service Manual

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About This Manual

This manual is part of a multinational service documentation system that is structured in the standard Xerox service manual format.

Organization

The service manual is the document used as the primary information source for repairing and maintaining this family of products and is available as EDOC on a CDROM, or in printed format. The information within the manual is divided into an introduction and eight other sections.

Section 1 Service Call Procedures

This section is used to start and complete a service call. The procedures in this section will either direct you to a Repair Analysis Procedure (RAP), or identify a faulty component or subassembly.

Section 2 Status Indicator Repair Analysis Procedures

This section contains the Repair Analysis Procedures (RAPs) and checkouts necessary to diagnose, isolate and repair faults other than image quality faults.

Section 3 Image Quality

This section contains the Image Quality Repair Analysis Procedures (IQ RAPs), checkouts and setup procedures necessary to diagnose, isolate and repair image quality faults.

Section 4 Repairs/Adjustments

This section contains the instructions for removal, replacement, and adjustment of parts within the machine.

Section 5 Parts List

This section contains the detailed and illustrated spare parts list. Any part that is spared or that must be removed to access a spared part is illustrated.

Section 6 General Procedures / Information

This section contains all other procedures, product specifications and general information.

Section 7 Wiring Data

This section contains the wiring diagrams.

Section 8 Accessories

This section contains details of any accessories that the machine may have.

Publication Comments Sheet

A Publication Comment Sheet is provided at the rear of the hardcopy manual.

Component Names

Some plastic components have the manufactures component name molded on them. These component names have not been used in this manual.

Change History

This page gives information on major changes to the service manual.

September 2008

The WorkCentre 4260 has been introduced. This is a variation of the WorkCentre 4150. Throughout this manual, procedures and parts that are unique to either the WorkCentre 4150 family or the WorkCentre 4260 family will be designated 4150 or 4260.

The following procedures are updated:

- SCP 5 Subsystem Maintenance
- SCP 7 Machine Configurations and Options
- 01-100 Door Open RAP
- 01-200, 300, 400 Tray 2, 3 or 4 Door Open RAP
- 01-500 Door Open RAP
- 01A Power Failure RAP
- 03-100, 110 Finisher Interface Error RAP
- 03-120, 130, 140, 940, 950, 960 Machine to Tray 2, 3, 4 or HCF Communications Fault RAP
- 03-200, 210, 220, 230, 240 MSOK Faults RAP
- 03-300, 310, 320, 330, 340 OSOK Faults RAP
- 03-410 to 03-452 Paper Information Mismatch RAP
- 03-500, 510, 520, 558, 559 Foreign Device Interface Fault RAP
- 03-600 Memory Failure RAP
- 03-700 Check Fax Kit RAP
- 03-800 Check HDD RAP
- 03-900 GUI to MCB Communications Fault RAP
- 03-920 MCB to DADF Communications Fault RAP
- 03-120, 130, 140, 940, 950, 960 Machine to Tray 2, 3 or 4 Communications Fault RAP
- 03-970 MCB Watchdog Detects Software RAP
- 04-100 Tray Elevating Error RAP
- 04-500 Main Motor Locked RAP
- 04-800 Duplex Fan 1 Locked RAP
- 05-100 DADF Jam 1 RAP
- 05-200 DADF Jam 2 RAP
- 05-300 DADF Jam 3 RAP
- 05-400 DADF Jam 4 RAP
- 05-500 DADF Jam 5 RAP
- 05-600 DADF Jam 6 RAP
- 05-700 DADF Jam 7 RAP
- 05-900 DADF Jam 0 RAP
- 05-920 DADF Door Open RAP
- 05A Document Not Sensed in DADF RAP
- 06-100, 200 LSU Error RAP
- 07-100 Tray 1 Paper Low RAP

- 07-110 Paper Empty at Tray 1 RAP
- 07-120 Tray 1 Cassette Out RAP
- 07-130 Jam 0 From Tray 1 RAP
- 07-200, 300, 400 Tray 2, 3 or 4 Paper Low RAP
- 07-210, 310, 410 Paper Empty at Tray 2, 3 or 4 RAP
- 07-220, 320, 420 Tray 2, 3 or 4 Cassette Out RAP
- 07-230, 330, 430 Jam 0 From 2, 3 or 4 RAP
- 07-500 Paper Empty at Bypass Tray RAP
- 07-530 Jam 0 From the Bypass Tray RAP
- 08-100 Jam 1 RAP
- 08-500 Jam 2 RAP
- 08-600 Duplex Jam 0 RAP
- 08-610 Duplex Jam 1 RAP
- 08-620 Duplex Jam 2 RAP
- 08-700 Out Bin Full RAP
- 09-200 Toner Empty RAP
- 09-210 Toner Sensor RAP
- 09-220 Toner Expire RAP
- 09-230, 240, 250, 500 Toner Cartridge Communications Error RAP
- 09-300 Drum Warning RAP
- 09-310 Drum Locked RAP
- 09-320, 330, 340, 600 Drum Cartridge Communications Error RAP
- 09-400 Replace Drum RAP
- 09-270, 271 ID Sensor Fault RAP
- 09-800 Invalid Toner Cartridge RAP
- 09-900 Invalid Drum Cartridge RAP
- 10-100, 200 Open Fuser Error/Low Heat Error RAP
- 10-300 Over Heat Error RAP
- 10-400 Fuser Unit Error RAP
- 12-500 Full Stack RAP
- 14-100 CCD Lock RAP
- 15-100 to 15-830 Scan to E-mail Faults RAP
- 20-100 to 20-900 Fax Faults RAP
- 20A Fax Faults Without a Code RAP
- 0F1 Audible Noise RAP
- 0F2 UI Touch Screen Error RAP
- 0F3 Air Systems RAP
- 0F4 Copying Error RAP
- IQ2 Blank Copies RAP
- IQ3 Black Copies or Prints RAP
- IQ4 Blurred Image From the Scanner RAP
- IQ5 Vertical Black Lines or Bands RAP
- IQ7 Light Image RAP
- IQ8 Dark Image RAP
- IQ9 Background RAP
- IQ10 Ghost Images RAP
- IQ11 Stains on Back of Paper RAP
- IQ12 Poor Fusing RAP
- IQ14 Partial Blank Image (Periodic) RAP
- IQ15 Different Image Density (Left and Right) RAP
- IQ16 Horizontal Bands RAP
- IQ17 Periodic Printing Defects Check RAP
- IQ18 DADF Lead Edge Offset RAP
- IQ19 Poor Registration RAP
- REP 1.3 Power Supply Unit 2
- REP 4.1 Main Drive Assembly (4150)
- REP 6.1 LSU
- REP 7.1 Tray 1 Feed Assembly
- REP 7.2 Tray 2, 3 and 4 Paper Transport Sensors and Transport Roll Gear
- REP 7.3 Tray 1 Paper Size Detect PWB
- REP 9.3 Terminal Assembly
- REP 10.2 Exit Guide Assembly and Exit Assembly
- REP 10.4 Exit Drive Assembly
- GP 3 Machine Status
- GP 4 System Administration Tools
- GP 7 Machine Specifications
- GP 8 DADF Document Feeding Specifications
- GP 9 Paper and Media Specifications
- GP 13 Installation Space Requirements
- dC109 Embedded Fax Protocol Report
- dC131 NVM Read/Write
- dC330 Component Control

The following procedures are new:

- 01-600 HCF Door Open RAP
- 02-100, 200 USB Faults RAP
- 03-990 Machine to HCF Communications Fault RAP
- 03A Unable to Boot RAP
- 04-110 HCF Elevating Error RAP
- 07-620, 630, 640 Tray 2, 3 or 4 Door Open RAP
- 07-700 HCF Paper Low RAP
- 07-710 Paper Empty at HCF RAP
- 07-720 HCF Cassette Out RAP
- 07-730 Jam 0 From HCF RAP
- 07-731 Check the HCF Feed Area RAP
- 08-800 Jam in HCF RAP
- 09-290 Print Quality Information RAP

- 10-500 Fuser Warning RAP
- 10-600, 610 Envelope Mode Error RAP
- 16-100 Immediate Image Overwrite RAP
- 17-900 802.1X Authentication Error RAP
- 0F5 Main PWB Check RAP
- REP 1.4 Power Supply Unit 1 and HVPS (4260)
- REP 1.5 Main PWB (4260)
- REP 1.6 Power Supply Unit 2 (4260)
- REP 2.2 User Interface Assembly (4260)
- REP 4.3 Main Drive Assembly (4260)
- REP 5.3 DADF (4260)
- REP 5.4 DADF Top Cover Assembly and Document Present Sensor (4260)
- REP 5.5 DADF Feed Roll Assembly (4260)
- REP 5.6 DADF Input Tray Assembly and Document Length Sensor (4260)
- REP 5.7 DADF document transport assembly (4260)
- REP 5.8 DADF Exit Motor Assembly (4260)
- REP 5.9 DADF Pickup Clutch and Registration Clutch (4260)
- REP 5.10 DADF Scan Motor Assembly (4260)
- REP 5.11 DADF Gate HP Sensor (4260)
- REP 5.12 DADF Pickup Guide Assembly and Sensors (4260)
- REP 5.13 DADF Document Path Sensors (4260)
- REP 7.5 HCF Feed Assembly and Sensors
- REP 7.6 HCF Paper Transport Sensors and Transport Roll Gear
- REP 7.7 Tray 2, 3 and 4 Feed Assembly and Sensors
- REP 9.4 Xerographic Module Connector (4260)
- REP 9.5 Toner Cartridge Connector (4260)
- REP 10.7 Fuser Assembly Components (4260)
- REP 10.8 Fuser Connector (4260)
- REP 11.1 Stapler Assembly and Interlock switch
- REP 14.3 Scanner Assembly (4260)
- REP 14.4 Scanner Components (4260)
- ADJ 14.1 Shading Adjustment
- Wiring Diagram 17 (4260)
- Wiring Diagram 18 (4260)
- Wiring Diagram 19 (4260)
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- Wiring Diagram 27 (4260)
- Wiring Diagram 28 (4260)
- Wiring Diagram 29 (4260)
- Wiring Diagram 30 (4260)
- Wiring Diagram 31 (4260)

The following bulletins, ETI and TIPs are included:

- 498913 SIM card reader not reading PEK
- 512014 Machine will not come to ready to copy
- 532479 Align user interface touch screen to display / menu buttons
- 546374 Shading adjustment difficult to locate
- 548122 Machine does not turn on / possible rebooting / +more symptoms
- 561448 Odd or strange fault code not in documentation
- 573078 System unavailable
- 573672 Scanner locked UI message
- 576470 Black configuration pages
- 590705 Machine will not boot machine doesn’t start
- 590929 Fax jobs locked in queue showing pending status
- 610135 Scan to email stuck in the transferring state
- 611748 Bypass tray misfeeds
- 616372 Bypass tray jams
- 621058 Squeak noise from the fuser module
- 630080 Grinding noise at exit area
- 640366 Copy white bands lead edge to trail edge DADF only
- 640408 4150 Ghost jams from trays
- 649498 Interrupt key and clear all key item numbers reversed in PL
- 668426 Printing solid black pages at power on
- 673085 Fax PWB part information
- 681217 Power supply unit 2 / directions flaw in REP 1.3

February 2009

The WorkCentre 4250 has been introduced. This is a variation of the WorkCentre 4260. Throughout this manual, procedures and parts that are unique to either the WorkCentre 4150 family, the WorkCentre 4250 family or the WorkCentre 4260 family will be designated 4150, 4250 or 4260.

The following procedures are updated:

- 01-100 Side Cover Assembly Open RAP
- 01A Power Failure RAP
- 03A Unable to Boot RAP
- 06-100, 200 LSU Error RAP
- 07-120 Tray 1 Cassette Out RAP
- 07-130 Jam 0 From Tray 1 RAP
- 07-230, 330, 430 Jam 0 From Tray 2, 3, 4 or HCF RAP
- 07-530 Jam 0 From the Bypass Tray RAP
- 08-100 Jam 1 RAP
- 08-600 Duplex Jam 0 RAP

- 09-210 Toner Sensor RAP
- 09-700 Toner Supplying Error RAP
- 15A Scan to E-mail Failure RAP
- OF 1 Unusual Noise RAP
- IQ 2 Blank Copies RAP
- IQ 5 Vertical Black Lines or Bands RAP
- IQ 8 Dark Image RAP
- IQ 9 Background RAP
- REP 1.5 Main PWB (4250/4260)
- REP 6.1 LSU
- REP 8.2 Registration Roll and Guide Components
- REP 10.5 Fuser Assembly Components (4150)
- GP 1 Diagnostic Entry
- GP 2 Fault Codes and History Files
- GP 4 System Administration Tools
- GP 5 Reports
- GP 7 Machine Specifications
- GP 19 Memory Clear
- GP 20 Format Hard Disk (4250/4260)
- dC131 NVM Read/Write
- Wiring Diagram 5 (4150)
- Wiring Diagram 8 (4150)
- Wiring Diagram 12
- Wiring Diagram 14
- Wiring Diagram 17 (4250/4260)
- Wiring Diagram 19 (4250/4260)
- Wiring Diagram 21 (4250/4260)
- Wiring Diagram 22 (4250/4260)
- Wiring Diagram 23 (4250/4260)
- Wiring Diagram 24 (4250/4260)
- Wiring Diagram 25 (4250/4260)
- Wiring Diagram 27 (4250/4260)
- Wiring Diagram 29 (4250/4260)
- Wiring Diagram 31(4250/4260)
- PWB Connectors
- ACC 2 Foreign Device Interface Installation

The following procedures are new:

- 17-562, 563 ESolutions Communication Error RAP
- 17-910 Firmware Upgrade Error RAP
- IQ 20 Image Displacement
- GP 21 Set Machine Serial Number
- Wiring Diagram 32 (4250)

The following bulletins, ETI and TIPs are included:

- 679173 System unavailable followed by POPO message.
- 684761 System unavailable UI message
- 690162 Toner sensor error replace the toner cartridge
- 698485 Scan to email fails
- 699047 Background, toner blow out (TBO) bands, streaks
- 696378 Close the right door
- 699450 Noise in exit transport
- 722312 Poor copy quality
- 726608 Lines on scan to email/file jobs only
- 732334 Scan to email problem
- 750647 Copy quality background
- 764227 Unable to set up scan to email feature: ‘Invalid smart key’.
- 766084 Toner supply failed/remove seal tape error
- 771265 Image displacement - copy quality defect
- 819988 08-100 Edoc error wiring diagram 5

Warnings, Cautions and Notes

A translated version of all warnings is in Translation of Warnings.

WARNING

A warning is used whenever an operating or maintenance procedure, practice, condition or statement, if not strictly observed, could result in personal injury.

CAUTION

A caution is used whenever an operation or maintenance procedure, practice, condition or statement, if not strictly observed, could result in damage to the equipment.

***NOTE:** A note is used where it is essential to highlight a procedure, practice, condition or statement.*

The following are examples of the symbols that are used in this manual for an electrostatic damage caution and laser radiation warning.

ESD caution symbol

CAUTION

Certain components in this product are susceptible to damage from electrostatic discharge. Observe all ESD procedures to avoid component damage.

Laser radiation warning symbol.

WARNING

Follow the service procedure exactly as written. Use of controls or adjustments other than those specified in this manual, may result in an exposure to invisible laser radiation. During servicing, the invisible laser radiation can cause eye damage if looked at directly.

Safety Precautions

Follow these safety, ESD, and servicing precautions to prevent personal injury and equipment damage.

1. Ensure that all built in protective devices are in place. Restore any missing protective shields.
2. Make sure there are no cabinet openings through which people, particularly children, might insert fingers or objects and contact dangerous voltages.
3. When re-installing chassis and assemblies, be sure to restore all protective devices, including control knobs and compartment covers.
4. Design alteration warning; never alter or add to the mechanical or electrical design of this equipment, such as auxiliary connectors, etc. Such alterations and modifications will void the manufacturers warranty.
5. Components, parts, and wiring that appear to have overheated or are otherwise damaged should be replaced with parts which meet the original specifications. Always determine the cause of damage or overheating, and correct any potential hazards.
6. Observe the original harness routing, especially near sharp edges, AC, and high voltage power supplies. Always inspect for pinched, out-of-place, or frayed wiring. Do not change the spacing between components and the printed circuit board.
7. Product safety notice; some electrical and mechanical parts have special safety related characteristics which might not be obvious from visual inspection. These safety features and the protection they provide could be lost if a replacement component differs from the original. This holds true, even though the replacement may be rated for higher voltage, wattage, etc.
8. Use only replacement components that have the same ratings, especially for flame resistance and dielectric specifications. A replacement part that does not have the same safety characteristics as the original may create shock, fire, or other safety hazards.

ESD Precautions

1. Certain semiconductor devices can be easily damaged by static electricity. Such components are commonly called ‘Electrostatically Sensitive (ES) Devices’, or ESDs. Examples of typical ESDs are: integrated circuits, some field effect transistors, and semiconductor ‘chip’ components.

   The techniques outlined below should be followed to help reduce the incidence of component damage caused by static electricity.

   CAUTION

   Ensure no power is applied to the chassis or circuit, and observe all other safety precautions.
2. Immediately before handling a semiconductor component or semiconductor-equipped assembly, discharge any electrostatic charge on your body by touching a known earth ground. Alternatively, employ a commercially available wrist strap device, which should be removed for your personal safety reasons prior to applying power to the unit under test.
3. After removing an electrical assembly equipped with ESDs, place the assembly on a conductive surface, such as aluminum or copper foil, or conductive foam, to prevent electrostatic charge buildup in the vicinity of the assembly.
4. Use only a grounded tip soldering iron to solder or desolder ESDs.

   Use only an ‘anti-static’ solder removal device. Some solder removal devices not classified as ‘anti-static’ can generate electrical charges sufficient to damage ESDs.

5. Do not use freon propelled chemicals. When sprayed, these can generate electrical charges sufficient to damage ESDs.
6. Do not remove a replacement ESD from its protective packaging until immediately before installing it. Most replacement ESDs are packaged with all leads shorted together by conductive foam, aluminum foil, or a comparable conductive material.
7. Immediately before removing the protective shorting material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.
8. Maintain continuous electrical contact between the ESD and the assembly into which it will be installed, until completely plugged or soldered into the circuit.
9. Minimize body motion when handling unpacked replacement ESDs. Normal motions, such as the brushing together of clothing fabric and lifting a foot from a carpeted floor, can generate static electricity sufficient to damage an ESD.

Lithium Battery Precautions

1. Exercise caution when replacing a lithium battery. There could be a danger of explosion and subsequent operator injury and/or equipment damage if incorrectly installed.
2. Be sure to replace the battery with the same or equivalent type recommended by the manufacturer.
3. Lithium batteries contain toxic substances and should not be opened, crushed, or burned for disposal.
4. Dispose of used batteries according to the manufacture's instructions.

Health and Safety Incident reporting

I. Summary

This section defines requirements for notification of health and safety incidents involving Xerox products (equipment and materials) at customer locations.

II. Scope

Xerox Corporation and subsidiaries worldwide.

III. Objective

To enable prompt resolution of health and safety incidents involving Xerox products and to ensure Xerox regulatory compliance.

IV. Definitions

Incident:

An event or condition occurring in a customer account that has resulted in injury, illness or property damage. Examples of incidents include machine fires, smoke generation, physical injury to an operator or service representative. Alleged events and product conditions are included in this definition.

V. Requirements

Initial Report:

1. Xerox organisations shall establish a process for individuals to report product incidents to Xerox Environment Health & Safety within 24 hours of becoming aware of the event.
2. The information to be provided at the time of reporting is contained in Appendix A (Health and Safety Incident Report involving a Xerox product).
3. The initial notification may be made by any of the following methods:
   - For incidents in North America and Developing Markets West (Brazil, Mexico, Latin American North and Latin American South):
     - Phone* Xerox EH&S at: 1-800-828-6571.
     - Electronic mail Xerox EH&S at: Doris.Bush@xerox.com.
     - Fax Xerox EH&S at: 1-585-422-6449 [intelnet 8*222 6449].
   - For incidents in Europe and Developing Markets East (Middle East, Africa, India, China and Hong Kong):
     - Phone* Xerox EH&S at: +44 (0) 1707 353434.
     - Electronic mail Xerox EH&S at: Elaine.Grange@xerox.com.
     - Fax Xerox EH&S at: +44 (0) 1707 353914 [intelnet 8*668 3914].

   *Initial notification made by phone must be followed within 24 hours by a completed incident report and sent to the indicated electronic mail address or fax number.

   NOTE: *If sending a fax, please also send the original via internal mail.*

Responsibilities for resolution:

1. Business Groups/Product Design Teams responsible for the product involved in the incident shall:
   a. Manage field bulletins, customer correspondence, product recalls, safety retrofits.
   b. Fund all field retrofits.

2. Field Service Operations shall:
    a. Preserve the Xerox product involved and the scene of the incident inclusive of any associated equipment located in the vicinity of the incident.
    b. Return any affected equipment/part(s) to the location designated by Xerox EH&S and/or the Business Division.
    c. Implement all safety retrofits.
3. Xerox EH&S shall:
    a. Manage and report all incident investigation activities.
    b. Review and approve proposed product corrective actions and retrofits, if necessary.
    c. Manage all communications and correspondence with government agencies.
    d. Define actions to correct confirmed incidents.

VI. Appendices

The Health and Safety Incident Report involving a Xerox Product (Form # EH&S-700) is available in the following locations:

- On electronic documentation (EDOC), located in the folder \safety.
- In the hardcopy, located at the end of the manual.

Translation of Warnings

Introduction

Warnings, Cautions And Notes

WARNING

A warning is used whenever an operating or maintenance procedure, practice, condition or statement, if not strictly observed, could result in personal injury.

DANGER: Une note Danger est utilisée chaque fois qu'une procédure d'utilisation ou de maintenance peut être cause de blessure si elle n'est pas strictement respectée.

AVVERTENZA: Un segnale di avvertenza è utilizzato ogni volta che una procedura operativa o di manutenzione, una pratica, una condizione o un'istruzione, se non strettamente osservata, potrebbe causare lesioni personali.

VORSICHT: Weist darauf hin, dass ein Abweichen von den angeführten Arbeits- und Wartungsanweisungen gesundheitliche Schäden, möglicherweise sogar schwere Verletzungen zur Folge haben kann.

AVISO: Un aviso se utiliza siempre que un procedimiento de operación o mantenimiento, práctica o condición puede causar daños personales si no se respetan estrictamente.

WARNING

Follow the service procedure exactly as written. Use of controls or adjustments other than those specified in this manual, may result in an exposure to invisible laser radiation. During servicing, the invisible laser radiation can cause eye damage if looked at directly.

DANGER: Les procédures de dépannage doivent être suivies à la lettre. Si les réglages ou vérifications ne sont pas effectués suivant les instructions de ce manuel, il peut y avoir un risque d'exposition dangereuse au faisceau laser. Celui-ci peut provoquer des lésions oculaires s'il est observé directement.

AVVERTENZA: Eseguire le procedure di servizio esattamente come descritto. L'utilizzo di dispositivi di controllo o di registrazione diversi da quelli riportati in questo manuale potrebbe comportare un'esposizione a radiazioni laser invisibili. Tali radiazioni possono danneggiare gli occhi se si guarda direttamente il fascio laser durante gli interventi di servizio.

VORSICHT: Die Wartungsarbeiten genau den Anweisungen entsprechend durchführen. Der Umgang mit Steuer- oder Bedienelementen, deren Verwendung nicht ausdrücklich in diesem Handbuch angewiesen wurde, kann dazu führen, dass unsichtbare Laserstrahlung frei gesetzt wird. Direkter Blickkontakt mit dem Laserstrahl kann bleibende Augenschäden verursachen.

AVISO: Siga los procedimientos de mantenimiento tal como están descritos. El uso de controles o ajustes no especificados en este manual puede tener como resultado la exposición a radiación láser invisible. Durante las operaciones de mantenimiento, la radiación de láser invisible puede causar daños en los ojos si se mira directamente a ella.

1 Service Call Procedures

SCP 1 Initial Actions

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Do not work in a confined space. 1m (39 inches) space is needed for safe working.

DANGER: Ne pas travailler dans un espace restreint. 1 mètre d'espace est nécessaire pour un dépannage en toute sécurité.

AVVERTENZA: Non lavorare in uno spazio limitato; è necessario uno spazio di almeno un metro attorno alla macchina per la sicurezza dell'operatore.

VORSICHT: Nur mit ausreichendem Bewegungsspielraum (1 m) arbeiten.

AVISO: No trabaje en un espacio reducido. Se necesita 1 metro de espacio para trabajar con seguridad.

SCP 5 Subsystem Maintenance

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

2 Status Indicator RAPs

Chain 1 - Standby Power

01-100 Door Open RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or

injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

01-500 Door Open RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

01A Power Failure RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care when measuring AC mains (line) voltage. Electricity can cause death or injury.

DANGER: Prendre des précautions lors du relevé de la tension de la prise de courant alternatif. L'électricité peut entraîner des blessures graves voire mortelles.

AVVERTENZA: Procedere con cautela durante la misurazione della tensione CA della rete. L'elettricità può causare infortuni o morte.

VORSICHT: Bei der Netzspannungsprüfung stets vorsichtig vorgehen

AVISO: Tenga cuidado al medir la tensión de la línea de alimentación de corriente alterna. La electricidad puede causar lesiones e incluso la muerte.

WARNING

Do not repair or install a new fuse F01 on the power supply unit 1. Repairing or installing a new fuse can cause overheating and a risk of fire.

DANGER: Ne pas réparer ou installer de nouveau fusible F01 sur le bloc d'alimentation 1. La réparation ou l'installation d'un nouveau fusible peut causer une surchauffe, voire un incendie.

AVVERTENZA: Per evitare il rischio di surriscaldamento e incendio, non eseguire interventi di riparazione sull'unità di alimentazione 1 o installare un nuovo fusibile F01.

VORSICHT: Sicherung F01 der Stromversorgungseinheit 1 nicht reparieren oder austauschen - Überhitzungs- oder Brandgefahr!

AVISO: No repare un fusible F01 ni instale uno nuevo en la fuente de alimentación 1. Un fusible reparado o nuevo puede producir recalentamiento con el consiguiente riesgo de incendio.

WARNING

Do not repair or install a new fuse F1 on the power supply unit 2. Repairing or installing a new fuse can cause overheating and a risk of fire.

DANGER: Ne pas réparer ou installer de nouveau fusible F1 sur le bloc d'alimentation 2. La réparation ou l'installation d'un nouveau fusible peut causer une surchauffe, voire un incendie.

AVVERTENZA: Per evitare il rischio di surriscaldamento e incendio, non eseguire interventi di riparazione sull'unità di alimentazione 2 o installare un nuovo fusibile F1.

VORSICHT: Sicherung F1 der Stromversorgungseinheit 2 nicht reparieren oder austauschen - Überhitzungs- oder Brandgefahr!

AVISO: No repare un fusible F1 ni instale uno nuevo en la fuente de alimentación 2. Un fusible reparado o nuevo puede producir recalentamiento con el consiguiente riesgo de incendio.

WARNING

Do not repair or install a new fuse F01 on the power supply unit 1. Repairing or installing a new fuse can cause overheating and a risk of fire.

DANGER: Ne pas réparer ou installer de nouveau fusible F01 sur le bloc d'alimentation 1. La réparation ou l'installation d'un nouveau fusible peut causer une surchauffe, voire un incendie.

AVVERTENZA: Per evitare il rischio di surriscaldamento e incendio, non eseguire inter-

venti di riparazione sull'unità di alimentazione 1 o installare un nuovo fusibile F01.

VORSICHT: Sicherung F01 der Stromversorgungseinheit 1 nicht reparieren oder austauschen - Überhitzungs- oder Brandgefahr!

AVISO: No repare un fusible F01 ni instale uno nuevo en la fuente de alimentación 1. Un fusible reparado o nuevo puede producir recalentamiento con el consiguiente riesgo de incendio.

WARNING

Do not repair or install a new fuse F02 on the power supply unit 1. Repairing or installing a new fuse can cause overheating and a risk of fire.

DANGER: Ne pas réparer ou installer de nouveau fusible F02 sur le bloc d'alimentation 1. La réparation ou l'installation d'un nouveau fusible peut causer une surchauffe, voire un incendie.

AVVERTENZA: Per evitare il rischio di surriscaldamento e incendio, non eseguire interventi di riparazione sull'unità di alimentazione 1 o installare un nuovo fusibile F02.

VORSICHT: Sicherung F02 der Stromversorgungseinheit 1 nicht reparieren oder austauschen - Überhitzungs- oder Brandgefahr!

AVISO: No repare un fusible F02 ni instale uno nuevo en la fuente de alimentación 1. Un fusible reparado o nuevo puede producir recalentamiento con el consiguiente riesgo de incendio.

WARNING

Do not repair or install a new fuse F1 on the power supply unit 2. Repairing or installing a new fuse can cause overheating and a risk of fire.

DANGER: Ne pas réparer ou installer de nouveau fusible F1 sur le bloc d'alimentation 2. La réparation ou l'installation d'un nouveau fusible peut causer une surchauffe, voire un incendie.

AVVERTENZA: Per evitare il rischio di surriscaldamento e incendio, non eseguire interventi di riparazione sull'unità di alimentazione 2 o installare un nuovo fusibile F1.

VORSICHT: Sicherung F1 der Stromversorgungseinheit 2 nicht reparieren oder austauschen - Überhitzungs- oder Brandgefahr!

AVISO: No repare un fusible F1 ni instale uno nuevo en la fuente de alimentación 2. Un fusible reparado o nuevo puede producir recalentamiento con el consiguiente riesgo de incendio.

Chain 2 - User Interface

02-100, 200 USB Faults RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

Chain 3 - Machine Run Control

03-100, 110 Finisher Interface Error RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

03-120, 130, 140, 940, 960 Machine to Tray 2, 3, 4 or HCF Communications Fault RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

03-200, 210, 220, 230, 240, 250 MSOK Faults RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer

supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

03-300, 310, 320, 330, 340 OSOK Faults RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

03-410 to 03-452 Paper Information Mismatch RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

03-500, 510 520, 558, 559 Foreign Device Interface Fault RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

03-600 Memory Failure RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

03-650 Ambient Temperature Sensor Fault RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or

injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

03-700 Check Fax Kit RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

03-800 Check HDD

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

03-900 GUI to MCB Communications Fault RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

03-910 MCB to NIC Communications Fault RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

03-920 MCB to DADF Communications Fault RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

03-970 MCB Watchdog Detects Software RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

03-990 Machine to HCF Communications Fault RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

03A Unable to Boot RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

Chain 4 - Main Drives

04-100 Tray 1 Elevating Error RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

04-200, 300, 400 Tray 2, 3 or 4 HCF Elevating Error RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

04-500 Main Motor Locked RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

04-800 Duplex Fan 1 Locked RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

04-910 SMPS Fan Locked RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

Chain 5 - DADF

05-100 DADF Jam 1 RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

05-200 DADF Jam 2 RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

05-300 DADF Jam 3 RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

05-400 DADF Jam 4 RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

05-500 DADF Jam 5 RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

05-600 DADF Jam 6 RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

05-700 DADF Jam 7 RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon

d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

05-800 DADF Jam 8 RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

05-900 DADF Jam 0 RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

05-920 DADF Door Open RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

05-930 DADF Exit Door Open RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

05A Document Not Sensed in DADF RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'ali-

mentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

Chain 6 - LSU

06-100, 06-200 LSU Error RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Avoid exposure to laser beam. Invisible laser radiation.

DANGER: Eviter toute exposition au faisceau laser. Radiation laser invisible.

AVVERTENZA: Evitare l'esposizione al fascio laser. Radiazioni laser invisibili.

VORSICHT: Nicht in den Laserstrahl blicken. Verletzungsgefahr durch unsichtbare Laserstrahlung.

AVISO: Evite la exposición al rayo láser. Radiación de láser invisible.

Chain 7 - Paper Supply

07-100 Tray 1 Paper Low RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

07-110 Paper Empty at Tray 1 RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

07-120 Tray 1 Cassette Out RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad

puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

07-130 Jam 0 From Tray 1 RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

07-200, 300, 400 Tray 2, 3, 4 or HCF Paper Low RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

07-210, 310, 410 Paper Empty at Tray 2, 3, 4 or HCF RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

07-220, 320, 420 Tray 2, 3, 4 or HCF Cassette Out RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

07-230, 330, 430 Jam 0 From Tray 2, 3, 4 or HCF RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

07-231, 331, 431 Check the Tray Feed Area RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

07-500 Paper Empty at Bypass Tray RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

07-530 Jam 0 From the Bypass Tray RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

07-600 All Trays Empty Warning Tray RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

07-620, 630, 640 Tray 2, 3, 4 or HCF Door Open RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

Chain 8 - Paper Transport

08-100 Jam 1 RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Do not touch the fuser while it is hot.

DANGER: Ne pas toucher au four pendant qu'il est encore chaud.

AVVERTENZA: Non toccare il fonditore quando è caldo.

VORSICHT: Fixierbereich erst berühren, wenn dieser abgekühlt ist.

AVISO: No toque el fusor mientras está caliente.

08-500 Jam 2 RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Do not touch the fuser while it is hot.

DANGER: Ne pas toucher au four pendant qu'il est encore chaud.

AVVERTENZA: Non toccare il fonditore quando è caldo.

VORSICHT: Fixierbereich erst berühren, wenn dieser abgekühlt ist.

AVISO: No toque el fusor mientras está caliente.

08-600 Duplex Jam 0 RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

08-610 Duplex Jam 1 RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

08-620 Duplex Jam 2 RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon

d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

08-700 Out Bin Full RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

Chain 9 - Xerographics

09-100 Toner Low RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

09-200 Toner Empty RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

09-210 Toner Sensor RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

09-220 Toner Expire RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon

d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

09-230, 240, 250, 500 Toner Cartridge Communications Error RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

09-290 Print Quality Information RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

09-300 Drum Warning RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

09-310 Drum Locked RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

09-320, 330, 340, 600 Drum Cartridge Communications Error RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'ali-

mentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

09-400 Replace Drum RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

09-700 Toner Supplying Error RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

09-800, 810 Invalid Toner Cartridge RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

09-900 Invalid Drum Cartridge RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

Chain 10 - Fusing and Copy/Print Transport

10-100, 200 Open Fuser Error/Low Heat Error RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'ali-

mentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Do not touch the fuser while it is hot.

DANGER: Ne pas toucher au four pendant qu'il est encore chaud.

AVVERTENZA: Non toccare il fonditore quando è caldo.

VORSICHT: Fixierbereich erst berühren, wenn dieser abgekühlt ist.

AVISO: No toque el fusor mientras está caliente.

10-300 Over Heat Error RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Do not touch the fuser while it is hot.

DANGER: Ne pas toucher au four pendant qu'il est encore chaud.

AVVERTENZA: Non toccare il fonditore quando è caldo.

VORSICHT: Fixierbereich erst berühren, wenn dieser abgekühlt ist.

AVISO: No toque el fusor mientras está caliente.

10-400 Fuser Unit Error RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Do not touch the fuser while it is hot.

DANGER: Ne pas toucher au four pendant qu'il est encore chaud.

AVVERTENZA: Non toccare il fonditore quando è caldo.

VORSICHT: Fixierbereich erst berühren, wenn dieser abgekühlt ist.

AVISO: No toque el fusor mientras está caliente.

10-500 Fuser Warning RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

10-600, 610 Envelope Mode Error RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon

d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

10-700, 710 Fuser Fuse Warning RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Do not touch the fuser while it is hot.

DANGER: Ne pas toucher au four pendant qu'il est encore chaud.

AVVERTENZA: Non toccare il fonditore quando è caldo.

VORSICHT: Fixierbereich erst berühren, wenn dieser abgekühlt ist.

AVISO: No toque el fusor mientras está caliente.

Chain 12 - Finisher

12-100 Finisher Jam 3 RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

12-200 Finisher Jam 4 RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

12-300 Finisher Jam 5 RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

12-400 Finisher Duplex Jam RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

12-500 Full Stack RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

12-600, 610 Staple Cartridge Fault RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

12-700, 12-800 Paddle Fault RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

12-710, 810 Front Jogger Fault RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

12-720, 820 Rear Jogger Fault RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

12-730, 830 Support Finger Fault RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

12-740, 840 Ejector Fault RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

12-750, 850 Stapler Fault RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

12-760, 860 Stacker Fault RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

Chain 14 - Scanner

14-100 CCD Lock RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

Chain 15 - Scan to Email

15-100 to 15-830 Scan to E-mail Faults RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

Chain 16 - Image Overwrite

16-100 RAP Immediate Image Overwrite RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

Chain 17 RAPs - Network Controller

17-100 to 610 Network Controller Faults RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

17-700 to 810 Server Error RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

17-900 802.1X Authentication Error RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

Chain 20 - Fax

20-100 to 20-900 Fax Faults RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

20A Fax Faults Without a Code RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

OF - Other Faults

OF1 Audible Noise RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

OF2 UI Touch Screen Error RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad

puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

OF3 Air Systems RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

OF4 Copying Error RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

OF5 Main PWB Check RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

3 Image Quality

Image Quality RAPs

IQ2 Blank Copies RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

IQ3 Black Copies or Prints RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de

corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

IQ4 Blurred Image From the Scanner RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

IQ5 Vertical Black Lines or Bands RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

IQ6 Vertical White Lines RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

IQ7 Light Image RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

IQ8 Dark Image RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad

puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

IQ9 Background RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

IQ10 Ghost Images RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

IQ11 Stains on Back of Paper RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

IQ12 Poor Fusing RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Do not touch the fuser while it is hot.

DANGER: Ne pas toucher au four pendant qu'il est encore chaud.

AVVERTENZA: Non toccare il fonditore quando è caldo.

VORSICHT: Fixierbereich erst berühren, wenn dieser abgekühlt ist.

AVISO: No toque el fusor mientras está caliente.

IQ13 Partial Blank Image (Not Periodic) RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o

morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

IQ14 Partial Blank Image (Periodic) RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

IQ15 Different Image Density (Left and Right) RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

IQ16 Horizontal Bands RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

IQ17 Periodic Printing Defects Check RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

IQ18 DADF Lead Edge Offset RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

IQ19 Poor Registration RAP

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

4 Repairs and Adjustments

REPs 1 - Standby Power

REP 1.1Power Supply Unit 1 and HVPS (4150)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 1.2 Main PWB (4150)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 1.3 Power Supply Unit 2 (4150)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles.

Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 1.4 Power Supply Unit 1 and HVPS (4260)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 1.5 Main PWB(4260)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 1.6 Power Supply Unit 2 (4260)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REPs 2 - User Interface

REP 2.1 User Interface Assembly (4150)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 2.2 User Interface Assembly (4260)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REPs 4 - Main Drives

REP 4.1 Main Drive Assembly (4150)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 4.2 Rear Exit Cover

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 4.3 Main Drive Assembly (4260)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REPs 5 - DADF

REP 5.1 DADF

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

WARNING

Do not remove the DADF while the DADF is lowered. In the lowered position the counterbalance springs are compressed and can cause injury when released.

DANGER: Ne pas retirer le CAD alors qu'il est en position basse. Dans cette position, les ressorts compensateurs sont compressés et peuvent entraîner des blessures s'ils se relâchent.

AVVERTENZA: non rimuovere l'alimentatore automatico documenti quando è abbassato. In questa posizione, le molle del contrappeso sono compresse e possono causare lesioni al rilascio.

VORSICHT: Vorlageneinzug nicht in abgesenkter Position entfernen. Bei abgesenktem Vorlageneinzug sind die Ausgleichsfedern zusammengedrückt und können bei Freigabe Verletzungen verursachen.

AVISO: No quite el alimentador de documentos automático si está bajado. Cuando está bajado, los resortes de contrapeso están comprimidos y pueden causar lesiones al soltarse

REP 5.2 DADF PWB (4150)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 5.3 DADF (4260)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

WARNING

Do not remove the DADF while the DADF is lowered. In the lowered position the counterbalance springs are compressed and can cause injury when released.

DANGER: Ne pas retirer le CAD alors qu'il est en position basse. Dans cette position, les ressorts compensateurs sont compressés et peuvent entraîner des blessures s'ils se relâchent.

AVVERTENZA: non rimuovere l'alimentatore automatico documenti quando è abbassato. In questa posizione, le molle del contrappeso sono compresse e possono causare lesioni al rilascio.

VORSICHT: Vorlageneinzug nicht in abgesenkter Position entfernen. Bei abgesenktem Vorlageneinzug sind die Ausgleichsfedern zusammengedrückt und können bei Freigabe Verletzungen verursachen.

AVISO: No quite el alimentador de documentos automático si está bajado. Cuando está bajado, los resortes de contrapeso están comprimidos y pueden causar lesiones al soltarse

REP 5.4 DADF Top Cover Asembly and Document Present Sensor (4260)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or

injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 5.5 DADF Feed Roll Assembly (4260)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 5.6 DADF Input Tray Assembly and Paper Length Sensor (4260)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 5.7 DADF Document transport assembly (4260)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o

morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 5.8 DADF Duplex Motor Assembly (4260)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 5.9 DADF Pickup Clutch and Registration Clutch (4260)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 5.10 DADF Scan Motor Assembly (4260)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 5.11 DADF Gate HP Sensor (4260)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 5.12 DADF Pickup Guide Assembly and Sensors (4260)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 5.13 DADF Document Path Sensors (4260)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REPs 6 - LSU

REP 6.1 LSU

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

WARNING

Avoid exposure to laser beam. Invisible laser radiation.

DANGER: Eviter toute exposition au faisceau laser. Radiation laser invisible.

AVVERTENZA: Evitare l'esposizione al fascio laser. Radiazioni laser invisibili.

VORSICHT: Nicht in den Laserstrahl blicken. Verletzungsgefahr durch unsichtbare Laserstrahlung.

AVISO: Evite la exposición al rayo láser. Radiación de láser invisible.

REP 6.2 LSU FAN

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REPs 7 - Paper Supply

REP 7.1 Tray 1 Feed Assembly

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere pre-

senti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 7.2 Tray 2, 3 and 4 Paper Transport Sensors and Transport Roll Gear

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

WARNING

Mandatory safety warning. This procedure must be performed by two people. The module is heavy.

DANGER: Avertissement obligatoire. Cette procédure doit être effectuée par 2 personnes. Le module est très lourd.

AVVERTENZA: Avviso di sicurezza obbligatorio. A causa della pesantezza del modulo, questa procedura deve essere eseguita da due persone.

VORSICHT: Verbindliche Sicherheitsvorschrift - dieser Vorgang muss von zwei Personen ausgeführt werden, da das Modul sehr schwer ist.

AVISO: Aviso de seguridad obligatorio. Este procedimiento debe ejecutarse entre dos personas. El módulo pesa mucho.

REP 7.3 Tray 1 Paper Size Detect PWB

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 7.4 Tray 2 to 4 Paper Size Detect PWB

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 7.5 HCF Feed Assembly and Sensors

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 7.6 HCF Paper Transport Sensors and Transport Roll Gear

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 7.7 Tray 2, 3 and 4 Feed Assembly and Sensors

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REPs 8 - Paper Transport

REP 8.1 Side Cover Assembly

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 8.2 Registration Roll and Guide Components

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 8.3 Paper Transport Assembly

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 8.4 Speaker

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer

supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 8.5 Bypass Tray Retard Assembly

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 8.6 Bypass Tray Feed Roll Assembly

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 8.7 Transport Roll Idler Assembly

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa

durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REPs 9 - Xerographics

REP 9.1 Toner Dispense Motor

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones. (4150)

REP 9.2 Xerographic Module Connector and CRUM PWB (4150)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 9.3 Terminal Assembly

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de

corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 9.4 Xerographic Module Connector (4260)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 9.5 Toner Cartridge Connector (4260)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REPs 10 - Fusing and Copy/Print Transport

REP 10.1 Fuser Assembly

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Do not touch the fuser while it is hot.

DANGER: Ne pas toucher au four pendant qu'il est encore chaud.

AVVERTENZA: Non toccare il fonditore quando è caldo.

VORSICHT: Fixierbereich erst berühren, wenn dieser abgekühlt ist.

AVISO: No toque el fusor mientras está caliente.

REP 10.2 Exit Guide Assembly and Exit Assembly

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 10.3 Duplex Solenoid Assembly and Duplex Gate

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 10.4 Exit Drive Assembly

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

REP 10.5 Fuser Assembly Components (4150)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Do not touch the fuser while it is hot.

DANGER: Ne pas toucher au four pendant qu'il est encore chaud.

AVVERTENZA: Non toccare il fonditore quando è caldo.

VORSICHT: Fixierbereich erst berühren, wenn dieser abgekühlt ist.

AVISO: No toque el fusor mientras está caliente.

REP 10.6 Fuser Connector (4150)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 10.7 Fuser Assembly Components (4260)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 10.8 Fuser Connector (4260)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REPs 12 - Finisher

REP 12.1 Finisher Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 12.2 Finisher PWB

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 12.3 Transport Assembly Components

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 12.4 Finisher Covers

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer

supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 12.5 Front and Rear Jogger Assemblies

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 12.6 Front and Rear Support Fingers

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 12.7 Ejector Assembly and Support Finger Assembly

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa

durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 12.8 Jogger Belts

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 12.9 Stacker Drive Components

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REPs 14 - Scanner

REP 14.1 Scanner Assembly

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de

corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 14.1 Scanner Assembly(4150)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 14.2 Scanner Components (4150)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

REP 14.3 Scanner Assembly(4260)

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

REP 14.4 Scanner Components

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

6 General Procedures and Information

GP1 - GP 18

GP 13 Installation Space Requirements

WARNING

Do not work in a confined space. 1 m (39 inches) space is needed for safe working.

DANGER: Ne pas travailler dans un espace restreint. 1 mètre d'espace est nécessaire pour un dépannage en toute sécurité.

AVVERTENZA: Non lavorare in uno spazio limitato; è necessario uno spazio di almeno un metro attorno alla macchina per la sicurezza dell'operatore.

VORSICHT: Nur mit ausreichendem Bewegungsspielraum (1 m) arbeiten.

AVISO: No trabaje en un espacio reducido. Se necesita 1 metro de espacio para trabajar con seguridad.

WARNING

USA and Canada. Do not install this machine in a hallway or exit route that does not have 1.12 m (44 inches) of space additional to the normal space requirements in front of the machine. To conform with fire regulations this additional 1.12 m (44 inches) of space is needed in front of the machine in hallway and exit routes.

DANGER: États-Unis et Canada. Si cette machine est installée dans un couloir ou une voie de sortie, 1,12 m (44 pouces) d'espace supplémentaire à l'espace normal doit être disponible devant la machine conformément aux normes de sécurité d'incendie.

AVVERTENZA: N/A

VORSICHT: N/A

AVISO: Estados Unidos y Canadá. No instale esta máquina en un corredor o ruta de salida que no tenga 1.12 m (44 pulgadas) de ancho delante de la máquina, sin incluir el espacio que ocupe la máquina. Este espacio adicional de 1.12 m (44 pulgadas) delante de la máquina en corredores y rutas de salida es necesario para cumplir los requisitos de las normas sobre incendios.

8 Accessories

ACC 2 Foreign Device Interface Installation

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

DANGER: Couper l'alimentation électrique de la machine, GP 14. Déconnecter le cordon d'alimentation de la prise pendant les activités de dépannage ne nécessitant pas d'alimentation électrique. L'électricité peut entraîner des blessures graves voire mortelles. Les pièces mobiles peuvent également présenter un danger.

AVVERTENZA: Spegnere la macchina, GP 14. Scollegare il cavo elettrico dalla presa durante gli interventi che non richiedono elettricità. L'elettricità può causare infortuni o morte e azionare parti della macchina che possono causare lesioni personali.

VORSICHT: Gerät ausschalten GP 14. Bei Wartungsarbeiten, die keine Stromzufuhr erfordern, Netzstecker ziehen! Bei Kontakt mit der Netzspannung besteht Verletzungs- und Lebensgefahr. Bei beweglichen Teilen besteht Verletzungsgefahr.

AVISO: Apague la máquina, GP 14. Desconecte el cable de alimentación de la toma de corriente mientras efectúa tareas que no necesitan energía eléctrica. La electricidad puede causar lesiones e incluso la muerte. Las piezas móviles pueden causar lesiones.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

DANGER: Exécuter cette procédure avec précaution. La présence de bords tranchants peut entraîner des blessures.

AVVERTENZA: procedere con cautela durante questa procedura. Possono essere presenti oggetti con bordi taglienti pericolosi.

VORSICHT: Bei diesem Vorgang vorsichtig vorgehen, damit keine Verletzungen durch die scharfen Kanten entstehen.

AVISO: Tenga cuidado al efectuar este procedimiento. Puede haber bordes afilados que podrían producir lesiones.

1 Service Call Procedures

SCP 1 Initial Actions 1-3
SCP 2 First Call Actions 1-3
SCP 3 Normal Call Actions 1-4
SCP 4 Fault Analysis 1-4
SCP 5 Subsystem Maintenance 1-6
SCP 6 Final Actions 1-8
SCP 7 Machine Configurations and Options 1-9

SCP 1 Initial Actions

Initial Actions are used to gather information on the machine performance.

Start a service call with SCP 1 and end with SCP 6 Final Actions.

Also refer to SCP 7 Machine Configurations and Options.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Do not work in a confined space. 1m (39 inches) space is needed for safe working.

NOTE: *Ignore any references in this manual to options not installed on the machine.*

1. Take note of symptoms or error messages.
2. Ask the operator to describe or demonstrate the problem.
3. Make sure that:
   a. The power cord is connected to the wall outlet and to the machine.
   b. Documents are not loaded in the DADF or on the document glass.
   c. Paper is loaded correctly and all paper trays and covers are closed.
   d. If installed, the telephone line cable is connected correctly between the line socket and the wall jack.
   e. If installed, the telephone line is good.
   f. If installed, the USB cable or network connection is installed correctly.
4. If available, check the machine service log book for any previous actions that may be relevant to the call.
5. If this is the first service call to this machine perform SCP 2 First Call Actions, otherwise go to SCP 3 Normal Call Actions.

SCP 2 First Call Actions

First Call Actions are used for the first service call.

Procedure

1. Check the machine configuration with the customer, refer to SCP 7 Machine Configurations and Options. Check that all required hardware and software is installed and/or enabled.
2. Check that all the relevant machine settings are correctly entered, refer to GP 4 System Administration Tools.
3. Mark off any hardware/software options and modifications installed and/or enabled on the Tag plate. Refer to Change Tags.
4. If a fault is present, go to SCP 3 Normal Call Actions. If there is no fault present, go to SCP 6 Final Actions.
5. Enter the machine details and the customer details in the service log.

SCP 3 Normal Call Actions

Normal Call Actions are used to determine the reason for the service call.

Procedure

NOTE: *If a fault message appears at any time. Refer directly to the RAP for the fault message and perform the procedure.*

If possible, perform the following:

1. Review any defective print or copy samples.
2. Determine that the user accessible settings are correct. If necessary refer to the user documentation.
3. Check all job queues and verify with the customer any requirement to print the documents in memory, before switching off the power or clearing memory.
4. Print the Customer Assistance Report (Call for Assistance), then record the total print count.
5. Go to SCP 4 Fault Analysis.

SCP 4 Fault Analysis

Fault Analysis is used to identify a fault.

Procedure

When diagnosing or repairing a fault in a particular subsystem, exercise the machine in all modes until the fault is determined. In the instance of finding more than one fault or failure, correct one fault before going to the next fault. If no fault is found, go to SCP 5 Subsystem Maintenance.

Fault Codes

If a fault code is displayed, go to the relevant RAP.

Power Failure

If the machine fails to switch on, go to the 01A Power Failure RAP.

Boot Failure

If the machine is in a continuous boot cycle and does not come to a Ready to Copy state, go to the 03A Unable to Boot RAP.

UI Faults

If the machine is on but the UI is blank, go to the OF2 UI Touch Screen Error RAP.

Document Detection Failure

If the machine fails to detect a document in the DADF, go to the 05A Document Not Sensed in DADF RAP.

Fax Faults

If the machine has a fax fault, go to the 20A Fax Faults Without a Code RAP.

Copying Faults

If the machine does not copy correctly when the customer uses features such as auto size detect, edge erase, book copying and image shift, go to the OF4 Copying Error RAP.

HCF Detection Failure

If the machine fails to correctly detect the HCF, go to the 03-990 Machine to HCF Communications Fault RAP.

Finisher Faults

If the finisher displays the following faults:

- False jam clearance instructions for the finisher.
- Communication errors between the finisher and the machine.
- Erratic behavior of the finisher.

Make sure that the finisher DIP settings are correct, go to the 12A Finisher PWB DIP Switch Settings RAP.

Unusual Noise

If the machine is making an unusual noise, go to the OF1 Unusual Noise RAP.

Toner Sensor Error

If the machine displays the message, Toner Sensor Error Replace Toner Cartridge, go to the 09-210 Toner Sensor RAP.

Scan to Email Fault Without a fault Code

If scan to email fails without a fault code, go to the 15A Scan to E-mail Failure RAP.

Machine ID Error Message

If the machine displays the message, Machine ID Error, go to the OF6 Machine ID Error RAP.

Image Quality Defects

If the image quality is defective, go to the IQ1 Image Quality Entry RAP.

For image quality specifications, refer to the following:

- IQS 1 Solid Area Density.
- IQS 2 Skew.
- IQS 3 Registration.

Machine Settings

To make any adjustments to the machine, refer to ADJ 1.1 Machine Settings.

Additional Information

If necessary, refer to the following general procedures and information:

- GP 1 Diagnostics Entry
- GP 2 Fault Codes and History Files
- GP 3 Machine Status
- GP 4 System Administration Tools
- GP 5 Reports
- GP 6 Firmware Upgrade
- GP 7 Machine Specifications
- GP 8 DADF Document Feeding Specifications
- GP 9 Paper and Media Specifications
- GP 10 General Disassembly Precautions
- GP 11 Service Information
- GP 12 User Interface Tests Description
- GP 13 Installation Space Requirements
- GP 14 Glossary of Terms, Acronyms and Abbreviations
- GP 15 Shading Test
- GP 16 High Frequency Service Items
- GP 17 Restriction of Hazardous Substances (RoHS)
- GP 18 Scan Edge Print
- GP 19 Memory Clear
- GP 20 Format Hard Disk (4250/4260)
- GP 21 Set Machine Serial Number

SCP 5 Subsystem Maintenance

Subsystem Maintenance contains information regarding the component life of the machine.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- Component Life
- HFSI

Component Life

The design life of the major components are shown in Table 1 and Table 2. Environmental conditions and actual use will vary these factors. The component life shown is for reference only. Refer to the relevant table:

- Table 1 WorkCentre 4150
- Table 2 WorkCentre 4250/4260

Table 1 WorkCentre 4150

Part	Component life	Parts list reference
DADF retard pad	50k feeds	PL 5.20 Item 12
DADF feed roll assembly	200k feeds	PL 5.15 Item 5
Tray 1 feed roll	200k feeds	PL 8.10 Item 12
Tray 2, 3 and 4 feed roll	200k feeds	PL 8.10 Item 12
Transfer roll	100k prints	PL 7.35 Item 19
Fuser assembly	200k prints	PL 10.25 Item 1
Starter toner cartridge Toner cartridge	10K prints 20K prints	PL 9.10 Item 2
Xerographic module	55K prints	PL 9.10 Item 1

Table 2 WorkCentre 4250/4260

Part	Component life	Parts list reference
DADF retard pad	125k feeds	PL 5.45 Item 4
DADF feed roll assembly	250k feeds	PL 5.40 Item 7
Tray 1 feed roll	250k feeds	PL 8.10 Item 12
Tray 2, 3 and 4 feed roll	250k feeds	PL 8.10 Item 12
HCF feed roll	250k feeds	PL 8.10 Item 12
Transfer roll	125k prints	PL 7.35 Item 19
Fuser assembly	250k prints	PL 10.28 Item 1
Starter toner cartridge Toner cartridge	12k prints 23k prints	PL 9.10 Item 2
Xerographic module	80k prints	PL 9.10 Item 1

HFSI

The High Frequency Service Items are shown in Table 3 and Table 4. To change HFSI settings, refer to GP 16 High Frequency Service Items. Refer to the relevant table:

- Table 3 WorkCentre 4150
- Table 4 WorkCentre 4250/4260

NOTE: *The recommended life for new component installation is 90% of component life.*

Table 3 WorkCentre 4150

Item	Component	Description	Recommended life for new component installation (90% of component life)	Parts list reference
T1 Feeds	Roll assembly (pick-up roll, feed roll, retard roll)	All sheets fed from tray 1 after last HFSI reset.	180k feeds	PL 7.15 Item 20 PL 8.10 Item 12
T2 Feeds	Roll assembly (pick-up roll, feed roll, retard roll)	All sheets fed from tray 2 after last HFSI reset.	180k feeds	PL 7.25 Item 11 PL 8.10 Item 12
T3 Feeds	Roll assembly (pick-up roll, feed roll, retard roll)	All sheets fed from tray 3 after last HFSI reset.	180k feeds	PL 7.25 Item 11 PL 8.10 Item 12
T4 Feeds	Roll assembly (pick-up roll, feed roll, retard roll)	All sheets fed from tray 4 after last HFSI reset.	180k feeds	PL 7.25 Item 11 PL 8.10 Item 12
Bypass Rubber Pad Life Page	Bypass tray retard pad	The total bypass tray feeds after the last HFSI reset.	40k feeds	PL 8.20 Item 4
DADF Rubber Pad Life Page	DADF retard pad	The total DADH feeds in all modes after the last HFSI reset.	45k feeds	PL 5.20 Item 12
DADF Roller Life Page	DADF feed roll assembly	The total DADH feeds in all modes after the last HFSI reset.	180k feeds	PL 5.15 Item 5
Fuser Unit Life Page	Fuser assembly	The total sides of copies and prints after the last HFSI reset.	180k impressions	PL 10.25 Item 1

Table 3 WorkCentre 4150

Item	Component	Description	Recommended life for new component installation (90% of component life)	Parts list reference
Heat Roll Life Page	Fuser heat roller assembly	The total sides of copies and prints after the last HFSI reset.	180k impressions	PL 10.26 Item 12
Pressure Roll Life Page	Fuser pressure roller	The total sides of copies and prints after the last HFSI reset.	180k impressions	PL 10.26 Item 23
Transfer Roll Life Page	Transfer roll	The total sides of copies and prints after the last HFSI reset.	80k impressions	PL 7.35 Item 19
Toner Cartridge Life Page (see NOTE)	Toner cartridge	The total sides of copies and prints after the last HFSI reset.	10k (starter module)/20k impressions	PL 9.10 Item 2
Developer Cartridge Life Page (see NOTE)	Xerographic module	The total sides of copies and prints after the last HFSI reset.	55k impressions	PL 9.10 Item 1

Table 4 WorkCentre 4250/4260

Item	Component	Description	Recommended life for new component installation	Parts list reference
T1 Feeds	Roll assembly (pick-up roll, feed roll, retard roll)	All sheets fed from tray 1 after last HFSI reset.	230k feeds	PL 7.15 Item 20 PL 8.10 Item 12
T2 Feeds	Roll assembly (pick-up roll, feed roll, retard roll)	All sheets fed from tray 2 after last HFSI reset.	230k feeds	PL 7.25 Item 11 PL 8.10 Item 12
T3 Feeds	Roll assembly (pick-up roll, feed roll, retard roll)	All sheets fed from tray 3 after last HFSI reset.	230k feeds	PL 7.25 Item 11 PL 8.10 Item 12
T4 Feeds	Roll assembly (pick-up roll, feed roll, retard roll)	All sheets fed from tray 4 after last HFSI reset.	230k feeds	PL 7.25 Item 11 PL 8.10 Item 12

Table 4 WorkCentre 4250/4260

Item	Component	Description	Recommended life for new component installation	Parts list reference
Bypass Rubber Pad Life Page	Bypass tray retard pad	The total bypass tray feeds after the last HFSI reset.	40k feeds	PL 8.20 Item 4
DADF Rubber Pad Life Page	DADF retard pad	The total DADH feeds in all modes after the last HFSI reset.	115k feeds	PL 5.45 Item 4
DADF Roller Life Page	DADF feed roll assembly	The total DADH feeds in all modes after the last HFSI reset.	230k feeds	PL 5.40 Item 7
Fuser Unit Life Page	Fuser assembly	The total sides of copies and prints after the last HFSI reset. This is reset if a new fuser is installed.	230k impressions	PL 10.28 Item 1
Heat Roll Life Page	Fuser heat roller assembly	The total sides of copies and prints after the last HFSI reset.	230k impressions	PL 10.30 Item 10
Pressure Roll Life Page	Fuser pressure roller	The total sides of copies and prints after the last HFSI reset.	230k impressions	PL 10.30 Item 31
Transfer Roll Life Page	Transfer roll	The total sides of copies and prints after the last HFSI reset.	115k impressions	PL 7.35 Item 19
Toner Cartridge Life Page (see NOTE)	Toner cartridge	The total sides of copies and prints after the last HFSI reset.	12k (starter module)/23k impressions	PL 9.10 Item 2
Developer Cartridge Life Page (see NOTE)	Xerographic module	The total sides of copies and prints after the last HFSI reset.	80k impressions	PL 9.10 Item 1

NOTE: *The Toner Cartridge Life Page and the Developer Cartridge Life Page are only displayed if non Xerox modules are installed.*

SCP 6 Final Actions

Final Actions are used to evaluate the total operation of the system and to identify the actions required to complete the service call.

Procedure

Complete the following, if a fault is identified, return to SCP 4 Fault Analysis:

- Perform the end of call subsystem maintenance actions, SCP 5 Subsystem Maintenance.
- Exercise the machine in all modes, making copies and/or prints from all trays, utilizing the DADF and the document glass. If a fault message is displayed or some other problem is evident, go to SCP 4 Fault Analysis.
- Make a proof copy or print of a customer document.
- If any of the customers selections were changed, return them to the customers preferred settings. Refer to GP 4 System Administration Tools.
- Mark off any hardware/software options and modifications installed and/or enabled on the Tag matrix card.
- At the first service and at any subsequent service where changes are made or options are added, print the configuration report and store it with machine log book. Discard any previous versions of the configuration report.
- Remove and destroy any copies of test patterns.
- Complete the machine service log.
- Ensure the machine and service area are clean before leaving the customer premises.
- Provide customer training if required.

SCP 7 Machine Configurations and Options

Machine Configurations and Options

Refer to Table 1 for the basic configurations and customer options.

This service manual covers all configurations. Within this manual ignore any references to options that are not installed.

Table 1 Machine Configurations

Features	4150	4150s	4150x	4150xf	4250	4250s	4250x	4250xf	4260	4260s	4260x	4260xf
Basic copier with paper tray 1	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Paper tray 2	Optional	Optional	Yes	Yes	Optional	Optional	Optional	Yes	Optional	Optional	Optional	Yes
Paper tray 3	Optional	Optional	Optional	Yes	Optional	Optional	Optional	Yes	Optional	Optional	Optional	No
Paper tray 4	Optional	Optional	Optional	Yes	Optional	Optional	Optional	Yes	Optional	Optional	Optional	No
HCF	No	No	No	No	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Yes
Bypass tray	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Envelope tray	Optional	Optional	Optional	Optional	No	No	No	No	No	No	No	No
Low stand (4 tray configuration)	Optional	Optional	Optional	Yes	Optional	Optional	Optional	Yes	Optional	Optional	Optional	No
High stand (2 tray configuration)	Optional	Optional	Optional	No	Optional	Optional	Optional	No	Optional	Optional	Optional	No
Duplex assembly	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
50 sheet DADF	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No
75 sheet DADF	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Finisher	Optional	Optional	Optional	Yes	Optional	Optional	Optional	Yes	Optional	Optional	Optional	Yes
Direct printing	No	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes
Network printing	No	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes
Fax	Optional	Optional	Yes	Yes	Optional	Optional	Yes	Yes	Optional	Optional	Yes	Yes
Scan to e-mail	No	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes
Foreign device interface (service install option)	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
40Gb hard disk	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No
80Gb hard disk	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
System memory (128Mb)	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No
System memory (256Mb)	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Additional memory (128Mb)	No	Yes	Yes	Yes	No	No	No	No	No	No	No	No
Extended memory (256Mb)	No	Optional	Optional	Optional	Optional	Optional	Optional	Optional	No	Optional	Optional	Optional

2 Status Indicator RAPs

Chain 1 - Standby Power

01-100 Side Cover Assembly Open RAP 2-3
01-200, 300, 400 Tray 2, 3 or 4 Door Open RAP 2-3
01-500 Finisher Front Door Open RAP 2-4
01A Power Failure RAP 2-4

Chain 2 - User Interface

02-100, 200 USB Faults RAP 2-7

Chain 3 - Machine Run Control

03-100, 110 Finisher Interface Error RAP 2-9
03-120, 130, 140, 940, 950, 960 Machine to Tray 2, 3, 4 or HCF Communications Fault RAP 2-9
03-200, 210, 220, 230, 240, 250 MSOK Faults RAP 2-10
03-300, 310, 320, 330, 340 PEK/FEK Faults RAP 2-11
03-410 to 03-452 Paper Information Mismatch RAP 2-12
03-500, 510, 520, 558, 559 Foreign Device Interface Fault RAP 2-13
03-600 Memory Failure RAP 2-13
03-650 Ambient Temperature Sensor Fault RAP 2-14
03-700 Check Fax Kit RAP 2-14
03-800 Check HDD RAP 2-15
03-900 GUI to MCB Communications Fault RAP 2-16
03-910 MCB to NIC Communications Fault RAP 2-16
03-920 MCB to DADF Communications Fault RAP 2-17
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03-990 Machine to HCF Communications Fault RAP 2-18
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Chain 4 - Main Drives

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05-600 DADF Jam 6 RAP 2-28
05-700 DADF Jam 7 RAP 2-29
05-800 DADF Jam 8 RAP 2-30
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05A Document Not Sensed in DADF RAP 2-32

Chain 6 - LSU

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Chain 7 - Paper Supply

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07-110 Paper Empty at Tray 1 RAP 2-35
07-120 Tray 1 Cassette Out RAP 2-36
07-130 Jam 0 From Tray 1 RAP 2-36
07-200, 300, 400 Tray 2, 3, 4 or HCF Paper Low RAP 2-37
07-210, 310, 410 Paper Empty at Tray 2, 3, 4 or HCF RAP 2-38
07-220, 320, 420 Tray 2, 3, 4 or HCF Cassette Out RAP 2-39
07-230, 330, 430 Jam 0 From Tray 2, 3, 4 or HCF RAP 2-40
07-231, 331, 431 Check the Tray Feed Area RAP 2-42
07-500 Paper Empty at Bypass Tray RAP 2-43
07-530 Jam 0 From the Bypass Tray RAP 2-44
07-600 All Trays Empty Warning RAP 2-45
07-620, 630, 640 Tray 2, 3, 4 or HCF Door Open RAP 2-45

Chain 8 - Paper Transport

08-100 Jam 1 RAP 2-47
08-200, 300, 400 Jam in Tray RAP 2-48
08-500 Jam 2 RAP 2-48
08-600 Duplex Jam 0 RAP 2-49
08-610 Duplex Jam 1 RAP 2-50
08-620 Duplex Jam 2 RAP 2-51
08-700 Out Bin Full RAP 2-51

Chain 9 - Xerographics

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09-200 Toner Empty RAP 2-53
09-210 Toner Sensor RAP 2-54
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09-230, 240, 250, 500 Toner Cartridge Communications Error RAP 2-55
09-270, 271 ID Sensor Fault RAP 2-56
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09-300 Drum Warning RAP 2-57
09-310 Drum Locked RAP 2-57
09-320, 330, 340, 600 Drum Cartridge Communications Error RAP 2-58
09-400 Replace Drum RAP 2-58
09-700 Toner Supplying Error RAP 2-59
09-800, 810 Invalid Toner Cartridge RAP 2-59
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Chain 10 - Fusing and Copy/Print Transport

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10-500 Fuser Warning RAP 2-63

10-600, 610 Envelope Mode Error RAP 2-64
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Chain 12 - Finisher

12-100 Finisher Jam 3 RAP 2-65
12-200 Finisher Jam 4 RAP 2-65
12-300 Finisher Jam 5 RAP 2-66
12-400 Finisher Duplex Jam RAP 2-66
12-500 Full Stack RAP 2-67
12-600, 610 Staple Cartridge Fault RAP 2-67
12-700, 12-800 Paddle Fault RAP 2-68
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12-720, 820 Rear Jogger Fault RAP 2-69
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Chain 14 - Scanner

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Chain 15 - Scan to Email

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15A Scan to E-mail Failure RAP 2-76

Chain 16 - Image Overwrite

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Chain 17 - Network Controller

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Chain 20 - Fax

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OF5 Main PWB Check RAP 2-89
OF6 Machine ID Error RAP 2-90

01-100 Side Cover Assembly Open RAP

01-100 The machine has detected that the side cover assembly is open. When the cover is open, there is no +24V supply to the motors or the HVPS.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 4 and Wiring Diagram 8. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Check that the interlock switch actuator on the side cover assembly, PL 7.30 Item 1 is not missing or damaged.
3. Check that the side cover assembly closes correctly.
4. Enter dC330 code 01-100. Check the side cover interlock switch assembly (S01-100), PL 4.15 Item 12.
5. Check the wiring between the side cover interlock switch and CN8 on the Main PWB. If necessary, install a side cover interlock switch assembly, PL 4.15 Item 12.
6. Check for +24V between CON71 on Power Supply Unit 1 and CN27 on the Main PWB. If necessary, install a new power supply unit 1, PL 1.10 Item 3.
7. Perform the OF5 Main PWB Check RAP.

4250/4260 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 17 and Wiring Diagram 22. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Check that the interlock switch actuator on the side cover assembly, PL 7.30 Item 1 is not missing or damaged.
3. Check that the side cover assembly closes correctly.
4. Enter dC330 code 01-100. Check the side cover interlock switch assembly (S01-100), PL 4.15 Item 12.
5. Check the wiring between the side cover interlock switch and CN9 on the Main PWB. If necessary, install a side cover interlock switch assembly, PL 4.15 Item 12.
6. Check for +24V between CON71 on Power Supply Unit 1 and CN27 on the Main PWB. If necessary, install a new power supply unit 1, PL 1.15 Item 3.
7. Perform the OF5 Main PWB Check RAP.

01-200, 300, 400 Tray 2, 3 or 4 Door Open RAP

01-200 The machine has detected that the tray 2 access door is open in standby.

01-300 The machine has detected that the tray 3 access door is open in standby.

01-400 The machine has detected that the tray 4 access door is open in standby.

Procedure

Go to the 07-620, 630, 640 Tray 2, 3, 4 or HCF Door Open RAP.

01-500 Finisher Front Door Open RAP

01-500 The machine has detected that the finisher front door is open. When the front door is open, there is no +24V supply to the motors.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

NOTE: *The main PWB has test points. The location of the test points is shown on the following PJ location illustrations:*

- *4150 Main PWB.*
- *4250/4260 Main PWB.*

Refer to Wiring Diagram 14. Perform the following:

1. Check that the finisher door switch actuator on the finisher front door, PL 12.10 Item 1 is not missing or damaged.
2. Check that the finisher front door closes correctly. Make sure that the front door magnet, PL 12.10 Item 11 is not missing.
3. Enter dC330 code 12-870. Check the finisher door switch (Q12-870), PL 12.10 Item 4.
4. Check the wiring between the finisher front door switch and J2 on the Finisher PWB. If necessary, install a new finisher front door switch, PL 12.10 Item 4.
5. Check that the finisher PWB DIP switch settings are correct. Refer to the 12A Finisher PWB DIP Switch Settings RAP.
6. **(4150)** Refer to Wiring Diagram 8. Check for +24V at pins 14 and 16 on CN27 on the Main PWB. If +24V is not available, perform the following:
   - Check the wiring between pins 13 and 15 on CON71 on Power Supply Unit 1 and pins 14 and 16 on CN27 on the Main PWB.
   - If necessary, install a new power supply unit 1, PL 1.10 Item 3.
   - Perform the OF5 Main PWB Check RAP.
7. **(4250/4260)** Refer to Wiring Diagram 17. Check for +24V at pins 13 and 14 on CN18 on the Main PWB. If +24V is not available, perform the following:
   - Check the wiring between pins 13 and 14 on CON71 on Power Supply Unit 1 and pins 13 and 14 on CN18 on the Main PWB.
   - If necessary, install a new power supply unit 1, PL 1.15 Item 3.
   - Perform the OF5 Main PWB Check RAP.
8. If necessary, install new components:
   - Finisher front door, PL 12.10 Item 1.
   - Finisher PWB, PL 12.10 Item 8.

01A Power Failure RAP

Use this RAP to identify the cause of a power supply failure.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care when measuring AC mains (line) voltage. Electricity can cause death or injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

WARNING

Do not repair or install a new fuse F01 on the power supply unit 1. Repairing or installing a new fuse can cause overheating and a risk of fire.

WARNING

Do not repair or install a new fuse F1 on the power supply unit 2. Repairing or installing a new fuse can cause overheating and a risk of fire.

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

NOTE: *Throughout this procedure, where further steps require the reconnection of a component, ensure they are reconnected before performing the next step.*

Refer to Wiring Diagram 1, Wiring Diagram 2, Wiring Diagram 3, Wiring Diagram 4, Wiring Diagram 5, Wiring Diagram 6, Wiring Diagram 7 and Wiring Diagram 8. Perform the following:

1. Ensure the supply voltage is correct. If possible, connect the machine to a known good power supply. If the customers power supply is faulty, inform the customer.
2. Disconnect the power cord from the power outlet and the machine. Check the continuity of the power cord. If necessary, install a new power cord.
3. Refer to Wiring Diagram 1. Disconnect CON01 on Power Supply Unit 1. Check for AC supply voltage between pins 1 and 2 on the connector. If necessary, install a new main power socket, PL 1.10 Item 6.
4. Check the fuse F01 on power supply unit 1. If necessary, install a new power supply unit 1, PL 1.10 Item 3.

   NOTE: *Fuse F01 is not spared.*

5. Disconnect CON7 from Power Supply Unit 2. Check for AC supply voltage between pins 1 and 2 on the connector. If necessary, install a new power supply 1, PL 1.10 Item 3
6. Remove the fuser, REP 10.1. Check for continuity across the fuser heat roll. Install new components as necessary, PL 10.25 and PL 10.26.

   NOTE: *A cold fuser heat roll has a resistance of approximately 16.5 ohms (220V/240V) or 2 ohms (110V).*

7. Check the fuse F1 on power supply unit 2. If necessary, install a new power supply unit 2, PL 1.10 Item 4.

   NOTE: *Fuse F1 is not spared.*

8. Switch off the power to the machine. Disconnect CON51 on Power Supply Unit 1.
9. Switch on the power to the machine. If the machine switches on, perform step 10. If the machine fails to switch on, go to step 11.
10. Reconnect CON51 on Power Supply Unit 1. Disconnect all connectors on Power Supply Unit 2. Sequentially reconnect CON2, CON3, CON8 and CON9 onto Power Supply Unit 2. If the faulty circuit is identified, repair the wiring or install components as necessary. If the machine fails to switch on, go to step 11.
11. Reconnect all connectors to Power Supply Unit 1 and Power Supply Unit 2.
12. Disconnect all connectors on the Main PWB except for the battery, CN29. Refer to Wiring Diagram 8. Check for +5V on CN27. If +5V is not present, check the wiring between CON71 on Power Supply Unit 1 and CN27 on the Main PWB. If necessary, install a new Power supply unit 1, PL 1.10 Item 3.
13. Reconnect CN27 to the Main PWB. Check for +24V on CN27. If +24V is not present, check the wiring between CON71 on Power Supply Unit 1 and CN27 on the Main PWB. If necessary, install a new Power supply unit 1, PL 1.10 Item 3.
14. Sequentially reconnect each connector onto the Main PWB. If the faulty circuit is identified, repair the wiring or install components as necessary. If the machine still fails to switch on, perform the OF5 Main PWB Check RAP.
15. If the fault is still present, install a new components as necessary:
    - Power supply unit 1, PL 1.10 Item 3.
    - Power supply unit 2, PL 1.10 Item 4.
    - HVPS, PL 1.10 Item 2.

4250/4260 Checkout

WARNING

Do not repair or install a new fuse F01 on the power supply unit 1. Repairing or installing a new fuse can cause overheating and a risk of fire.

WARNING

Do not repair or install a new fuse F02 on the power supply unit 1. Repairing or installing a new fuse can cause overheating and a risk of fire.

WARNING

Do not repair or install a new fuse F1 on the power supply unit 2. Repairing or installing a new fuse can cause overheating and a risk of fire.

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

NOTE: *Throughout this procedure, where further steps require the reconnection of a component, ensure they are reconnected before performing the next step.*

Refer to Wiring Diagram 17, Wiring Diagram 18, Wiring Diagram 19, Wiring Diagram 21, Wiring Diagram 22, Wiring Diagram 23, Wiring Diagram 24, Wiring Diagram 25, Wiring Diagram 26, Wiring Diagram 27 and Wiring Diagram 32. Perform the following:

1. Ensure the supply voltage is correct. If possible, connect the machine to a known good power supply. If the customers power supply is faulty, inform the customer.
2. Disconnect the power cord from the power outlet and the machine. Check the continuity of the power cord. If necessary, install a new power cord.
3. Refer to Wiring Diagram 17. Disconnect CON02 on Power Supply Unit 2. Check for AC supply voltage between pins 1 and 2 on the connector. If necessary, install a new main power socket, PL 1.15 Item 6.
4. Check the fuse F1 on power supply unit 2. If necessary, install a new power supply unit 2, PL 1.15 Item 4.

   NOTE: *Fuse F01 is not spared.*

5. Remove the fuser, REP 10.1. Check for continuity across the fuser heat lamp. Install new components as necessary, PL 10.28 and PL 10.30.

   NOTE: *A cold fuser heat lamp has a resistance of approximately 16.5 ohms (220V/240V) or 2 ohms (110V).*

6. Disconnect CON01 from Power Supply Unit 1. Check for AC supply voltage between pins 1 and 2 on the connector. If necessary, install a new power supply unit 2, PL 1.15 Item 4.
7. Check the fuse F01 and fuse F02 on power supply unit 1. If necessary, install a new power supply unit 1, PL 1.15 Item 3.

   NOTE: *Fuse F01 and fuse F02 are not spared.*

8. Switch off the power to the machine. Disconnect CON71 on Power Supply Unit 1.
9. Switch on the power to the machine. If the machine fails to switch on, perform step 10. If the machine switches on, go to step 11.
10. Reconnect CON71 on Power Supply Unit 1. Disconnect all connectors on Power Supply Unit 2 except CON2. Sequentially reconnect CON1, CON3 and CON4 on Power Supply Unit 2. If the faulty circuit is identified, repair the wiring or install components as necessary. If the machine fails to switch on, go to step 11.
11. Reconnect all connectors to Power Supply Unit 1 and Power Supply Unit 2.
12. Disconnect all connectors on the Main PWB except for CN7 and CN18. Refer to Wiring Diagram 17. Check for +5V on CN18. If +5V is not present, check the wiring between CON71 on Power Supply Unit 1 and CN18 on the Main PWB. If necessary, install a new power supply unit 1, PL 1.15 Item 3.
13. Check for +24V on CN18. If +24V is not present, check the wiring between CON71 on Power Supply Unit 1 and CN18 on the Main PWB. If necessary, install a new power supply unit 1, PL 1.15 Item 3.
14. Sequentially reconnect each connector onto the Main PWB. If the faulty circuit is identified, repair the wiring or install components as necessary. If the machine still fails to switch on, perform the OF5 Main PWB Check RAP.
15. If the fault is still present, install a new components as necessary:
    - Power supply unit 1, PL 1.15 Item 3.
    - Power supply unit 2, PL 1.15 Item 4.
    - HVPS, PL 1.15 Item 2.

02-100, 200 USB Faults RAP

02-100 The USB device is invalid. Only SCSI type memory is supported.

02-200 The USB memory is full or there is no response from the USB memory.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Refer to Wiring Diagram 20. Perform the following:

1. Make sure that the customer is using a valid USB device with sufficient free space.
2. Install a new left keys PWB, PL 2.12 Item 5.

03-100, 110 Finisher Interface Error RAP

03-100 The machine to finisher communications have failed.

03-110 The machine has detected the finisher, but a communications error has occurred.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Refer to:

- **(4150)** Wiring Diagram 7, Wiring Diagram 14 and Wiring Diagram 15.
- **(4250/4260)** Wiring Diagram 14, Wiring Diagram 15 and Wiring Diagram 27.

Perform the following:

1. Switch off the machine, then switch on the machine.
2. **(4150)** Check the finisher interface harness between J1 and J3 on the Finisher PWB and CN32 on the Main PWB.
3. **(4250/4260)** Check the finisher interface harness between J1 and J3 on the Finisher PWB and CN26 on the Main PWB.
4. Remove the finisher, REP 12.1. Check that the IOT set sensor actuator on the rear exit cover, PL 1.10 Item 20 is not missing or damaged.
5. Enter dC330 code 12-875. Check the IOT set sensor (Q12-875), PL 12.10 Item 13.

   NOTE: *To check the IOT set sensor, unlatch then slide the finisher 5cm (2 inches) away from the machine. Then latch the finisher back to the machine, refer to REP 12.1.*

6. Check the wiring between the IOT set sensor and J7 on the Finisher PWB. If necessary, install a new IOT set sensor, PL 12.10 Item 13.
7. Check that the finisher PWB DIP switch settings are correct. Refer to the 12A Finisher PWB DIP Switch Settings RAP.
8. If necessary, install new components:
   - Finisher interface harness, PL 12.10 Item 18.
   - Finisher PWB, PL 12.10 Item 8.
   - Rear exit cover, PL 1.10 Item 20.
9. Perform the OF5 Main PWB Check RAP.

03-120, 130, 140, 940, 950, 960 Machine to Tray 2, 3, 4 or HCF Communications Fault RAP

03-120 The machine has detected tray 2, but a communications error has occurred.

03-130 The machine has detected tray 3 or HCF, but a communications error has occurred.

03-140 The machine has detected tray 4, but a communications error has occurred.

03-940 A main PWB to tray 2 PWB communications error has been detected.

03-950 A main PWB to tray 3 or HCF PWB communications error has been detected.

03-960 A main PWB to tray 4 PWB communications error has been detected.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Without an HCF Checkout
- 4250/4260 With an HCF Checkout

4150 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

NOTE: *Trays 2, 3 and 4 are identical. Check the relevant tray module.*

Refer to Wiring Diagram 7 and Wiring Diagram 12. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Check the wiring between CN24 on the Main PWB and the tray PWB, PL 7.20 Item 6.
3. Install new components as necessary:
   - Tray connector, PL 7.15 Item 32 or PL 7.20 Item 17.
   - Tray PWB, PL 7.20 Item 6.
4. Perform the OF5 Main PWB Check RAP.

4250/4260 Without an HCF Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

NOTE: *Trays 2, 3 and 4 are identical. Check the relevant tray module.*

Refer to Wiring Diagram 12 and Wiring Diagram 26. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Check the wiring between CN19 on the Main PWB and the tray PWB, PL 7.20 Item 6.
3. Install new components as necessary:
   - Tray connector, PL 7.15 Item 32.

- Tray PWB, PL 7.20 Item 6.

4. Perform the OF5 Main PWB Check RAP.

4250/4260 With an HCF Checkout

Refer to Wiring Diagram 30. Perform the following:

1. Check the wiring between CN1 on the HCF PWB and CN19 on the Main PWB.
2. If necessary, install a new HCF PWB, PL 7.60 Item 7.
3. Perform the OF5 Main PWB Check RAP.

03-200, 210, 220, 230, 240, 250 MSOK Faults RAP

These are the faults displayed when the machine encounters MSOK problems. The faults are listed in code order with recommended actions.

Messages

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

NOTE: *The MSOK is only available from Field Engineering. The correct machine serial number, machine configuration information and billing plan must be provided to Field Engineering to be programmed into the new MSOK. Use the original FEK(s) to enable optional features.*

Refer to:

- **(4150)** Wiring Diagram 6.
- **(4250/4260)** Wiring Diagram 27.

03-200 System Fault - IOT Serial Number Invalid, Call for Assistance

The IOT serial number is invalid. Perform the following:

1. Contact Field Engineering for assistance.

03-210 System Fault - MSOK Invalid - Call for Assistance (MMSOK)

The MSOK serial number is invalid. Perform the following:

1. Contact Field Engineering for assistance.

03-220 System Fault - MSOK Invalid - Call for Assistance MMSOK Bit

The MSOK has the manufacturing SOK serial number but not the MMSOK part. Perform the following:

1. Contact Field Engineering for assistance.

03-230 System Fault - MSOK Page Count Exceeded

The IOT has attempted to print more pages that the MMSOK can print. Perform the following:

1. Remove the MMSOK, then install the MSOK.
2. Contact Field Engineering for further assistance.

03-240 System Fault - Invalid Machine or MSOK SN

The MSOK SN is empty. Perform the following:

1. Contact Field Engineering for assistance.

03-250 MSOK Missing

The machine has detected that the MSOK is not connected. Perform the following:

1. Connect the MSOK to the main PWB.

03-300, 310, 320, 330, 340 PEK/FEK Faults RAP

These are the faults displayed when the machine encounters PEK or FEK problems. The faults are listed in code order with recommended actions.

Additional checks are listed at the end of the procedure.

Messages

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Refer to

- **(4150)** Wiring Diagram 6.
- **(4250/4260)** Wiring Diagram 27.

03-300 System Fault - Message: Please Insert Option Key to Enable Machine

The machine has detected that the PEK is not installed. Perform the following:

1. Install the PEK.
2. Contact Field Engineering for further assistance.

03-310 System Fault - Message: PEK/FEK Previously Used in Different Machine

The machine has detected that the PEK or FEK has previously been used in a different machine. Perform the following:

1. Obtain, then install a valid PEK or FEK.
2. Contact Field Engineering for further assistance.

03-320 System Fault - Option SIM Invalid

The machine has detected that the PEK or FEK has previously been used in a different machine. Perform the following:

1. Obtain, then install a valid PEK or FEK.
2. Contact Field Engineering for further assistance.

03-330 System Fault - Not Inserted Properly

The machine has detected that the PEF or FEK is not installed correctly. Perform the following:

1. Remove, then reinstall the PEK or FEK.
2. Contact Field Engineering for further assistance.

03-340 Option Installed Remove SIM

The option has been successfully installed. Perform the following:

1. Remove the FEK.
2. Contact Field Engineering for further assistance.

Additional Checks

Check the leaf springs on the SIM PWB. If the leaf springs are deformed, the PEK or FEK will not be read. Perform the following

1. Remove the rear cover, PL 28.10 Item 6.
2. Remove the SIM PWB, (4150) PL 1.10 Item 12 or (4250/4260) PL 1.15 Item 12.
3. Remove the yellow cover from the SIM PWB. Inspect the 6 leaf springs. Reform any damaged leaf springs.
4. Install new components as necessary:
   - SIM PWB (4250/4260), PL 1.15 Item 12.
   - SIM PWB (4150), PL 1.10 Item 12.

03-410 to 03-452 Paper Information Mismatch RAP

03-410 The machine has detected a tray 1 paper colour, type or size mismatch.

03-411 The machine has detected a tray 1 paper type mismatch during a print job.

03-412 The machine has detected a tray 1 paper size mismatch during a print job.

03-420 The machine has detected a tray 2 paper colour, type or size mismatch.

03-421 The machine has detected a tray 2 paper type mismatch during a print job.

03-422 The machine has detected a tray 2 paper size mismatch during a print job.

03-430 The machine has detected a tray 3 paper colour, type or size mismatch.

03-431 The machine has detected a tray 3 paper type mismatch during a print job.

03-432 The machine has detected a tray 3 paper size mismatch during a print job.

03-440 The machine has detected a tray 4 paper colour, type or size mismatch.

03-441 The machine has detected a tray 4 paper type mismatch during a print job.

03-442 The machine has detected a tray 4 paper size mismatch during a print job.

03-450 The machine has detected a bypass tray paper colour, type or size mismatch.

03-451 The machine has detected a bypass tray paper type mismatch during a print job.

03-452 The machine has detected a bypass tray paper size mismatch during a print job.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Perform the following:

1. If the fault is present when printing, check that the print driver and machine tray information are correct.
2. Go to GP 4 System Administration Tools. Check that the relevant tray paper type, colour and size settings are correct.
3. **03-410, 411, 412 Only.** Refer to Wiring Diagram 6. Perform the following:
   a. Check the wiring between the paper size detect PWB, PL 7.15 Item 5 and CN15 on the Main PWB.
   b. Check the registration clutch, PL 4.15 Item 4. Ensure the clutch if held securely in place by the KL-clip.
   c. Install new components as necessary:
      - Paper size detect PWB, PL 7.15 Item 5.
      - Paper size detect assembly, PL 7.15 Item 1.
   d. Perform the OF5 Main PWB Check RAP.
4. **03-420 to 03-442 Only.** Refer to Wiring Diagram 7 and Wiring Diagram 13. Perform the following:
   a. Check the wiring between the paper size detect PWB, PL 7.20 Item 5 and CN5 on the Tray PWB.
   b. Check the wiring between CN1 on the relevant Tray PWB and CN24 on the Main PWB.
   c. Install new components as necessary:
      - Paper size detect PWB, PL 7.20 Item 5.
      - Paper size detect assembly, PL 7.20 Item 25.
      - Tray connector, PL 7.20 Item 17.
   d. Perform the OF5 Main PWB Check RAP.

4250/4260 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Perform the following:

1. If the fault is present when printing, check that the print driver and machine tray information are correct.
2. Go to GP 4 System Administration Tools. Check that the relevant tray paper type, colour and size settings are correct.
3. **03-410, 411, 412 Only.** Refer to Wiring Diagram 24. Perform the following:
   a. Check the wiring between the paper size detect PWB, PL 7.15 Item 5 and CN14 on the Main PWB.
   b. Install new components as necessary:
      - Paper size detect PWB, PL 7.15 Item 5.
      - Paper size detect assembly, PL 7.15 Item 1.
   c. Perform the OF5 Main PWB Check RAP.
4. **03-420 to 03-442 Only.** Refer to Wiring Diagram 13 and Wiring Diagram 24. Perform the following:
   a. Check the wiring between the paper size detect PWB, PL 7.20 Item 5 and CN5 on the Tray PWB.
   b. Check the wiring between CN1 on the relevant Tray PWB and CN19 on the Main PWB.
   c. Install new components as necessary:
      - Paper size detect PWB, PL 7.20 Item 5.
      - Paper size detect assembly, PL 7.20 Item 25.
      - Tray connector, PL 7.20 Item 17.
   d. Perform the OF5 Main PWB Check RAP.

03-500, 510, 520, 558, 559 Foreign Device Interface Fault RAP

03-500 The machine has detected that there is no credit in the foreign device.

03-510 The machine has failed to detect the foreign device.

03-520 The foreign device interface is not active.

03-558 The foreign device interface is not active.

03-559 The foreign device interface is no longer active.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

NOTE: *The main PWB has test points. The location of the test points is shown on the following PJ location illustrations:*

- *4150 Main PWB.*
- *4250/4260 Main PWB.*

Refer to:

- **(4150)** Wiring Diagram 8.
- **(4250/4260)** Wiring Diagram 26.

Perform the following:

1. If there is credit in the foreign device, check the wiring between the foreign device and the foreign device interface PWB, (4150) PL 1.10 Item 15 or (4250/4260) PL 1.15 Item 15.
2. **(4150)** Check the wiring between CN2 on the foreign device interface PWB and CN28 the Main PWB. If necessary, install a new foreign device interface harness, PL 1.10 Item 27.
3. **(4250/4260)** Check the wiring between CN2 on the foreign device interface PWB and CN24 the Main PWB. If necessary, install a new foreign device interface harness, PL 1.10 Item 27.
4. Install new components as necessary:
   - Foreign device interface PWB (4150), PL 1.10 Item 15.
   - Foreign device interface PWB (4250/4260), PL 1.15 Item 15.
5. Perform the OF5 Main PWB Check RAP.

03-600 Memory Failure RAP

03-600 The machine has detected a memory access failure.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

Refer to Wiring Diagram 5. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Remove, then reinstall the memory DIMM, PL 1.10 Item 22.
3. If necessary, install a new memory DIMM, PL 1.10 Item 22.
4. Perform the OF5 Main PWB Check RAP.

4250/4260 Checkout

Refer to Wiring Diagram 27. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Remove, then reinstall the memory DIMM, PL 1.15 Item 22.
3. If necessary, install a new memory DIMM, PL 1.15 Item 22.
4. Perform the OF5 Main PWB Check RAP.

03-650 Ambient Temperature Sensor Fault RAP

03-650 The machine has detected a fault with the ambient temperature sensor.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 7. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Check the wiring between the ambient temperature sensor, PL 1.10 Item 21 and CN26 on the Main PWB.
3. If necessary, install a new ambient temperature sensor, PL 1.10 Item 21.
4. Perform the OF5 Main PWB Check RAP.

03-700 Check Fax Kit RAP

03-700 The machine has detected a fault with the fax module.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

Refer to Wiring Diagram 5. Perform the following:

1. Ensure the fax module, PL 1.10 Item 14 is correctly installed.
2. If necessary, install a new fax PWB, PL 20.10 Item 4.
3. Perform the OF5 Main PWB Check RAP.

4250/4260 Checkout

Refer to Wiring Diagram 27. Perform the following:

1. Ensure the fax module, PL 1.15 Item 14 is correctly installed.
2. If necessary, install a new fax PWB, PL 1.15 Item 14.
3. Perform the OF5 Main PWB Check RAP.

03-800 Check HDD RAP

03-800 The machine has detected a fault with the hard disk drive (HDD).

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 6. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Check that the HDD PWB, PL 1.10 Item 17 is securely connected to CN20 on the Main PWB.
3. Check that the HDD ribbon cable, PL 1.10 Item 18 is securely connected to the HDD PWB and the HDD.
4. Reset the main PWB. Perform the following:
   a. Disconnect the battery, PL 1.10 Item 5 from CN29 on the Main PWB.
   b. Set a multimeter to VDC.
   c. Use the multimeter to discharge the voltage across the pins at CN29.

      NOTE: *It will take approximately 1 minute to discharge the voltage.*

   d. Reconnect the battery.
5. Switch off the machine. Disconnect the HDD PWB, PL 1.10 Item 17 from the main PWB. Switch on the machine. If the machine boots up, install new components as necessary:
   - HDD harness, PL 1.10 Item 18.
   - HDD PWB, PL 1.10 Item 17.
   - HDD, PL 1.10 Item 11.
6. Perform the OF5 Main PWB Check RAP.

4250/4260 Checkout

NOTE: *The main PWB has 4 test points, GND, +3.3V, +5V and +24V. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 26. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Check that the HDD, PL 1.15 Item 11 is securely connected to CN20 and CN21 on the Main PWB.
3. Format the hard disk, refer to GP 20 Format Hard Disk (4250/4260).
4. If necessary, install a new HDD, PL 1.15 Item 11.
5. Perform the OF5 Main PWB Check RAP.

03-900 GUI to MCB Communications Fault RAP

03-900 A user interface to main PWB communications error has been detected.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 3. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Check the wiring between CN2 on the Main PWB and CN7 on the UI PWB.
3. If necessary, install a new UI PWB, PL 2.10 Item 4.
4. Perform the OF5 Main PWB Check RAP.

4250/4260 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 19. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Check the wiring between CN2 on the Main PWB and CN1on the UI PWB.
3. Check the wiring between CN3 on the Main PWB and CN2 on the UI Left Keys PWB.
4. Install new components as necessary:
   - UI PWB, PL 2.12 Item 4.
   - Left keys PWB, PL 2.12 Item 5.
5. Perform the OF5 Main PWB Check RAP.

03-910 MCB to NIC Communications Fault RAP

03-910 A main PWB to NIC PWB communications error has been detected.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Refer to Wiring Diagram 6. Perform the following:

NOTE: *The network connection has two LEDs The green LED on indicates that the network connection is ready. The amber LED flashing indicates that the network is good.*

1. Switch off the machine, then switch on the machine.
2. Make sure that the network cable is connected to the machine.
3. Make sure that the NIC PWB, PL 1.10 Item 13 is securely installed on to the main PWB.
4. Go to GP 4 System Administration Tools. Check with the customer that the connectivity and network setup settings are correct.
5. If necessary, install a new NIC PWB, PL 1.10 Item 13.
6. Perform the OF5 Main PWB Check RAP.

03-920 MCB to DADF Communications Fault RAP

03-920 A main PWB to DADF PWB communications error has been detected.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 3, Wiring Diagram 9 and Wiring Diagram 11. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Check the wiring between CN2 on the Main PWB and CN7 on the Scanner PWB.
3. Check the wiring between CN6 on the Scanner PWB and CN2 on the DADF PWB.
4. Install new components as necessary:
   - Scanner PWB, PL 14.10 Item 15.
   - DADF PWB, PL 5.20 Item 6.
5. Perform the OF5 Main PWB Check RAP.

4250/4260 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 22, Wiring Diagram 28 and Wiring Diagram 29. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Check the wiring between CN on the Main PWB and CN7 on the Scanner PWB.
3. Check the wiring between CN6 on the Scanner PWB and CN8 on the DADF PWB.
4. Install new components as necessary:
   - Scanner PWB, PL 14.13 Item 15.
   - DADF PWB, PL 5.30 Item 24.
5. Perform the OF5 Main PWB Check RAP.

03-970 MCB Watchdog Detects Software RAP

03-970 The main PWB software has stopped responding.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Perform the following:

1. Switch off the machine, then switch on the machine.
2. Reload the firmware, GP 6.
3. Perform the OF5 Main PWB Check RAP.

03-990 Machine to HCF Communications Fault RAP

03-990 A main PWB to HCF PWB communications error has been detected.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 26 and Wiring Diagram 30. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Check the wiring between CN19 on the Main PWB and CN1 on the HCF PWB.
3. Ensure CN3 is securely seated on the HCF PWB.
4. Install new components as necessary:
   - Tray connector, PL 7.20 Item 3 or PL 7.65 Item 5.
   - HCF PWB, PL 7.60 Item 7.
5. Perform the OF5 Main PWB Check RAP.

03A Unable to Boot RAP

The machine fails to come to a Ready to Copy state.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Refer to:

- **(4150)** Wiring Diagram 5 and Wiring Diagram 6.
- **(4250/4260)** Wiring Diagram 26 and Wiring Diagram 27.

Perform the following:

1. Initialize the machine variable NVM, refer to dC132 NVM Initialization.
2. **(4250/4260)** Format the hard disk, refer to GP 20 Format Hard Disk (4250/4260).
3. **(4150)** Disconnect the following components from the main PWB:
   - Fax module, PL 1.10 Item 14.
   - NIC PWB, PL 1.10 Item 13.
   - HDD PWB, PL 1.10 Item 17.
4. **(4250/4260)** Disconnect the following components from the main PWB:
   - Fax module, PL 1.15 Item 14.
   - HDD, PL 1.15 Item 11.
5. Switch on the machine. If the machine boots up, go to step 6. If the machine fails to boot up, perform the OF5 Main PWB Check RAP.
6. Switch off the machine. Sequentially reconnect each component to identify the faulty component. Install new components as necessary:
   - Fax module (4150), PL 1.10 Item 14.
   - Fax module (4250/4260), PL 1.15 Item 14.
   - NIC PWB (4150), PL 1.10 Item 13.
   - HDD harness (4150), PL 1.10 Item 18.
   - HDD PWB (4150), PL 1.10 Item 17.
   - HDD (4150), PL 1.10 Item 11.
   - HDD (4250/4260), PL 1.15 Item 11.

04-100 Tray 1 Elevating Error RAP

04-100 The tray 1 stack height sensor did not actuate within 13 seconds of the tray 1 elevating motor start.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

NOTE: *The main PWB has test points. The location of the test points is shown on the following PJ location illustrations:*

- *4150 Main PWB.*
- *4250/4260 Main PWB.*

Refer to:

- **(4150)** Wiring Diagram 6.
- **(4250/4260)** Wiring Diagram 25.

Perform the following:

1. Make sure tray 1 is fully home.
2. Pull out tray 1. Check for obstructions behind the tray.
3. Check the tray elevator mechanism on the back of tray 1.
4. Check that the tray 1 stack height sensor actuator on the feed head, PL 8.10 Item 5 is not missing or damaged. If necessary, install a new tray 1 feed assembly, PL 8.10 Item 1.
5. Enter dC330 code 07-150. Check the tray 1 stack height sensor (Q07-150), PL 8.10 Item 2.
6. **(4150)** Check the wiring between the tray 1 stack height sensor and CN19 on the Main PWB. If necessary, install a new tray 1 stack height sensor, PL 8.10 Item 2.
7. **(4250/4260)** Check the wiring between the tray 1 stack height sensor and CN15 on the Main PWB. If necessary, install a new tray 1 stack height sensor, PL 8.10 Item 2
8. **(4150)** Check the tray 1 up limit switch, PL 8.10 Item 17.

   NOTE: *There is not a component control code to check the up limit switch.*

9. Enter dC330 code 04-510. Check the tray 1 elevating motor (MOT04-510), PL 7.15 Item 8.
10. **(4150)** Check the wiring between the tray 1 up limit switch and the tray 1 elevating motor, PL 7.15 Item 8 and CN19 on the Main PWB.
11. **(4250/4260)** Check the wiring between the tray 1 up limit switch and the tray 1 elevating motor, PL 7.15 Item 8 and CN15 on the Main PWB.
12. If necessary, install new components:
    - Tray 1 elevating motor, PL 7.15 Item 8.
    - Tray feed assembly, PL 8.10 Item 1.
    - Tray 1 cassette assembly, PL 7.10 Item 1.
13. Perform the OF5 Main PWB Check RAP.

04-200, 300, 400 Tray 2, 3, 4 or HCF Elevating Error RAP

04-200 The tray 2 stack height sensor did not actuate within 13 seconds of the tray 2 elevating motor start.

04-300 The tray 3 or HCF stack height sensor did not actuate within 13 seconds of the tray 3 elevating motor start.

04-400 The tray 4 stack height sensor did not actuate within 13 seconds of the tray 4 elevating motor start.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 and 4250/4260 Without an HCF
- 4250/4260 With an HCF

4150 and 4250/4260 Without an HCF

NOTE: *Trays 2, 3 and 4 are identical. Check the relevant tray module.*

Refer to:

- **(4150)** Wiring Diagram 7, Wiring Diagram 12 and Wiring Diagram 13.
- **(4250/4260)** Wiring Diagram 12, Wiring Diagram 13 and Wiring Diagram 26.

Perform the following:

1. Make sure that the tray is fully home.
2. Pull out the tray. Check for obstructions behind the tray.
3. Check the tray elevator mechanism on the back of the tray.
4. Check that the stack height sensor actuator on the feed head, PL 8.10 Item 5 is not missing or damaged. If necessary, install a new tray feed assembly, PL 8.10 Item 1.
5. Enter dC330. Check the relevant tray stack height sensor, PL 8.10 Item 2:
   - **Tray 2.** Code 07-250.
   - **Tray 3.** Code 07-350.
   - **Tray 4.** Code 07-450.
6. Check the wiring between the tray stack height sensor and CN7 on the Tray PWB. If necessary, install a new stack height sensor, PL 8.10 Item 2.
7. Check the tray up limit switch, PL 8.10 Item 17.

   NOTE: *There is not a component control code to check the up limit switch.*

8. Enter dC330. Check the relevant tray elevating motor, PL 7.20 Item 7.
   - **Tray 2.** Code 04-520.
   - **Tray 3.** Code 04-530.
   - **Tray 4.** Code 04-540.

   NOTE: *To run the tray elevating motors, enter the relevant code, then manually lower the tray feed head, PL 8.10 Item 5 to deatuate the stack height sensor.*

9. Check the wiring between the tray up limit switch and the tray elevating motor, PL 7.20 Item 7 and CN7 on the Tray PWB. If necessary, install a new tray up limit switch, PL 8.10 Item 17.
10. **(4150)** Check the wiring between CN1 on the Tray PWB and CN24 on the Main PWB.
11. **(4250/4260)** Check the wiring between CN1 on the Tray PWB and CN19 on the Main PWB.
12. If necessary, install new components:
    - Tray elevating motor, PL 7.20 Item 7.
    - Tray feed assembly, PL 8.10 Item 1.
    - Tray cassette, PL 7.10 Item 1.
13. Perform the OF5 Main PWB Check RAP.

4250/4260 With an HCF

Refer to Wiring Diagram 30 and Wiring Diagram 31. Perform the following:

1. Make sure the HCF is fully home.
2. Pull out the HCF tray. Check for obstructions behind the tray.
3. Check the tray elevator mechanism on the back of the HCF tray.
4. Check that HCF stack height sensor actuator on the feed head, PL 8.10 Item 5 is not missing or damaged. If necessary, install a new tray feed assembly, PL 8.10 Item 1.
5. Enter dC330 code 07-350. Check the HCF stack height sensor (Q07-350), PL 8.10 Item 2.
6. Check the wiring between the HCF stack height sensor and CN7 on the HCF PWB. If necessary, install a new tray 1 stack height sensor, PL 8.10 Item 2.
7. Check the tray 1 up limit switch, PL 8.10 Item 17.

   NOTE: *There is not a component control code to check the up limit switch.*

8. Enter dC330 code 04-530. Check the HCF elevating motor (MOT04-530), PL 7.60 Item 10.

   NOTE: *To run the HCF elevating motor, enter the code, then manually lower the HCF feed head, PL 8.10 Item 5 to deatuate the stack height sensor.*

9. Check the wiring between the tray up limit switch and the HCF elevating motor, PL 7.60 Item 10 and CN7 on the HCF PWB.
10. If necessary, install new components:
    - HCF elevating motor, PL 7.60 Item 10.
    - Tray feed assembly, PL 8.10 Item 1.
    - HCF PWB, PL 7.60 Item 7.
    - HCF assembly, PL 7.45 Item 1.

04-500 Main Motor Locked RAP

04-500 The machine has detected that the main BLDC motor is not being controlled.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 4. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Remove the toner cartridge, PL 9.10 Item 2, then the xerographic module, PL 9.10 Item 1. Enter dC330 code 04-100. Check that the main BLDC motor (MOT04-100), PL 4.20 Item 2 runs.
3. Check the wiring between the main BLDC motor and CN9 on the Main PWB.
4. If necessary, install a new main BLDC motor, PL 4.20 Item 2.
5. Perform the OF5 Main PWB Check RAP.

4250/4260 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 23. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Remove the toner cartridge, PL 9.10 Item 2, then the xerographic module, PL 9.10 Item 1. Enter dC330 code 04-100. Check that the main BLDC motor (MOT04-100), PL 4.25 Item 2 runs.
3. Check the wiring between the main BLDC motor and CN10 on the Main PWB.
4. If necessary, install a new main BLDC motor, PL 4.25 Item 2.
5. Perform the OF5 Main PWB Check RAP.

04-800 Duplex Fan 1 Locked RAP

04-800 The machine has detected a fault with duplex fan 1.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 7. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Enter dC330 code 04-400 and 04-410. Check that the duplex fan 1, PL 7.35 Item 16 runs at normal speed.
3. Check the wiring between the duplex fan 1 and CN25 on the Main PWB.
4. Install new components as necessary:
   - Duplex fan 1, PL 7.35 Item 16.
   - Side cover assembly, PL 7.30 Item 1.
5. Perform the OF5 Main PWB Check RAP.

4250/4260 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 25. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Enter dC330 code 04-400 and 04-410. Check that the duplex fan 1, PL 7.35 Item 16 runs at normal speed.
3. Check the wiring between the duplex fan 1 and CN17 on the Main PWB.
4. Install new components as necessary:
   - Duplex fan 1, PL 7.35 Item 16.
   - Side cover assembly, PL 7.30 Item 1.
5. Perform the OF5 Main PWB Check RAP.

04-910 SMPS Fan Locked RAP

04-910 The machine has detected a fault with the SMPS fan.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 1. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Enter dC330 code 09-500 and 09-510. Check that the SMPS fan, PL 4.15 Item 18 runs at normal speed.
3. Check the wiring between the SMPS fan and CON2 on Power Supply Unit 2.
4. Install new components as necessary:
   - SMPS fan, PL 4.15 Item 18.
   - Power supply unit 2, PL 1.10 Item 4.

4250/4260 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 21. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Enter dC330 code 09-500 and 09-510. Check that the SMPS fan, PL 4.15 Item 18 runs at normal speed.
3. Check the wiring between the SMPS fan and CN5 on the Main PWB.
4. If necessary, install a new SMPS fan, PL 4.15 Item 18.
5. Perform the OF5 Main PWB Check RAP.

05-100 DADF Jam 1 RAP

05-100 The lead edge or trail edge of the document failed to actuate or deactuate the scan sensor within the correct time.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

Refer to Wiring Diagram 11. Perform the following:

1. Open the DADF top cover assembly, PL 5.15 Item 11. Remove all jammed paper.
2. Check the document path for damage or obstructions.
3. Check that the following components are clean and rotate freely.
   - Registration roll, PL 5.15 Item 21.
   - Registration roll idlers, PL 5.15 Item 28.
4. Remove the DADF left guide, PL 5.20 Item 9.
5. Check that the scan sensor actuator, PL 5.25 Item 28 moves freely and is not damaged.
6. Enter dC330 code 05-140. Check the scan sensor (Q05-140).

   NOTE: *The scan sensor is mounted on the DADF PWB, PL 5.20 Item 6.*

7. Remove the DADF rear cover, PL 5.10 Item 4. Enter dC330 code 05-200. Check that the DADF scan motor, PL 5.25 Item 12 runs and drives the scan roll, PL 5.25 Item 23.
8. Close the DADF top cover assembly. While the DADF scan motor runs, stack the code 05-310 to energize the registration clutch (CL05-310). Check that the registration roll, PL 5.15 Item 21 rotates.
9. Check the wiring between the DADF scan motor and CN4 on the DADF PWB.
10. Check the wiring between the registration clutch, PL 5.25 Item 19 and CN6 on the DADF PWB. If necessary, install a new registration clutch, PL 5.25 Item 19.
11. If necessary, install new components:
    - DADF PWB, PL 5.20 Item 6.
    - DADF scan motor, PL 5.25 Item 12.
    - DADF scan motor assembly, PL 5.25 Item 10.
    - Document transport assembly, PL 5.10 Item 2.

4250/4260 Checkout

Refer to Wiring Diagram 29. Perform the following:

1. Open the DADF top cover assembly, PL 5.30 Item 2. Remove all jammed paper.
2. Check the document path for damage or obstructions.
3. Check that the following components are clean and rotate freely.
   - CVT roll, PL 5.50 Item 19.
   - CVT roll upper idler, PL 5.40 Item 15.
   - CVT roll lower idler, PL 5.35 Item 8.
4. Remove the DADF lower guide assembly, PL 5.50 Item 1.
5. Check that the scan sensor actuator, PL 5.55 Item 4 moves freely and is not damaged.
6. Enter dC330 code 05-140. Check the scan sensor (Q05-140), PL 5.55 Item 1.
7. Check the wiring between the scan sensor and CN10 on the DADF PWB. If necessary, install a new scan sensor, PL 5.55 Item 1.
8. Remove the DADF rear cover, PL 5.30 Item 13. Enter dC330 code 05-200. Check that the DADF scan motor, PL 5.30 Item 6 runs and drives the CVT roll, PL 5.50 Item 19.
9. While the DADF scan motor runs, stack the code 05-310 to energize the registration clutch (CL05-310). Check that the CVT roll does not rotate.
10. Check the wiring between the DADF scan motor and CN6 on the DADF PWB.
11. Check the wiring between the registration clutch and CN6 on the DADF PWB. If necessary, install a new registration clutch, PL 5.30 Item 9.
12. If necessary, install new components:
    - DADF scan motor assembly, PL 5.30 Item 6.
    - Document transport assembly, PL 5.30 Item 26.
    - DADF PWB, PL 5.30 Item 24.

05-200 DADF Jam 2 RAP

05-200 The lead edge or trail edge of the document failed to actuate or deactuate the gate sensor within the correct time.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

Refer to Wiring Diagram 11. Perform the following:

1. Raise the DADF. Check the CVT ramp, part of the CVT glass assembly, PL 14.10 Item 22. If necessary, install a new CVT glass assembly, PL 14.10 Item 22.
2. Open the DADF top cover assembly, PL 5.15 Item 11. Remove all jammed paper.
3. Raise the DADF input tray, PL 5.10 Item 5. Remove all jammed paper.
4. Check that the exit assembly, PL 5.20 Item 26 is closed.
5. Check the document path for damage or obstructions.
6. Check that the following components are clean and rotate freely.
   - Gate roll, PL 5.25 Item 15.
   - Gate roll idlers, PL 5.10 Item 18.
   - Exit roll, PL 5.20 Item 2.
   - Exit roll idlers, PL 5.20 Item 20.
7. Check that the gate sensor actuator, PL 5.10 Item 26 moves freely and is not damaged.
8. Enter dC330 code 05-150. Check the gate sensor (Q05-150), PL 5.10 Item 24. if necessary, install a new gate sensor, PL 5.10 Item 24.
9. Remove the DADF rear cover, PL 5.10 Item 4. Enter dC330 code 05-200. Check that the DADF scan motor runs, PL 5.25 Item 12 and drives the gate roll, PL 5.25 Item 15.
10. Enter code 05-210. Check that the DADF duplex motor, PL 5.25 Item 5 runs and drives the exit roll, PL 5.20 Item 2.
11. Check the wiring between the DADF scan motor and CN4 on the DADF PWB.
12. Check the wiring between the duplex motor and CN5 on the DADF PWB.
13. If necessary, install new components:
    - DADF PWB, PL 5.20 Item 6.
    - DADF scan motor, PL 5.25 Item 12.
    - DADF scan motor assembly, PL 5.25 Item 10.
    - Duplex motor assembly, PL 5.25 Item 4.
    - Document transport assembly, PL 5.10 Item 2.

4250/4260 Checkout

Refer to Wiring Diagram 29. Perform the following:

1. Raise the DADF. Check the CVT ramp, part of the CVT glass assembly, PL 14.13 Item 32. If necessary, install a new CVT glass assembly, PL 14.13 Item 32.
2. Open the DADF top cover assembly, PL 5.30 Item 2. Remove all jammed paper.
3. Raise the DADF input tray, PL 5.30 Item 11. Remove all jammed paper.
4. Check the document path for damage or obstructions.
5. Check that the following components are clean and rotate freely.
   - Gate roll, PL 5.50 Item 18.
   - Gate roll idlers, PL 5.35 Item 8.
   - Upper exit roll, PL 5.45 Item 20.
   - Upper exit roll idlers, PL 5.55 Item 9.
6. Check that the gate sensor actuator, PL 5.55 Item 3 moves freely and is not damaged.
7. Enter dC330 code 05-150. Check the gate sensor (Q05-150), PL 5.55 Item 1. If necessary, install a new gate sensor, PL 5.55 Item 1.
8. Remove the DADF rear cover, PL 5.30 Item 13 and lower guide, PL 5.50 Item 1. Enter dC330 code 05-200. Check that the DADF scan motor runs, PL 5.30 Item 6 and drives the gate roll, PL 5.50 Item 18.
9. Enter code 05-210. Check that the DADF duplex motor, PL 5.30 Item 7 runs and drives the upper exit roll, PL 5.45 Item 20.
10. Check the wiring between the DADF scan motor and CN4 on the DADF PWB.
11. Check the wiring between the duplex motor and CN5 on the DADF PWB.
12. If necessary, install new components:
    - DADF PWB, PL 5.30 Item 24.
    - DADF scan motor assembly, PL 5.30 Item 6.
    - Duplex motor assembly, PL 5.30 Item 7.
    - Document transport assembly, PL 5.30 Item 26.

05-300 DADF Jam 3 RAP

05-300 The lead edge of the document failed to actuate the duplex sensor within the correct time in reverse mode.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

Refer to Wiring Diagram 11. Perform the following:

1. Raise the DADF input tray, PL 5.10 Item 5. Remove all jammed paper.
2. Check the document path for damage or obstructions.
3. Check the duplex gate, PL 5.25 Item 25 for damage. If necessary, install a new duplex gate.
4. Check that the following components are clean and rotate freely.
   - Exit roll, PL 5.20 Item 2.
   - Exit roll idlers, PL 5.20 Item 20.
5. Check that the duplex sensor actuator, PL 5.25 Item 27 moves freely and is not damaged.
6. Enter dC330 code 05-170. Check the duplex sensor (Q05-170).

   NOTE: *The duplex sensor is mounted on the DADF PWB, PL 5.20 Item 6.*

7. Enter code 05-220. Check that the DADF duplex motor, PL 5.25 Item 5 runs in the reverse direction and drives the exit roll, PL 5.20 Item 2.
8. Check the wiring between the DADF duplex motor and CN5 on the DADF PWB.
9. Check the exit roll gear, PL 5.20 Item 5 for damage. If necessary, install a new exit roll gear.
10. If necessary, install new components:
    - DADF PWB, PL 5.20 Item 6.
    - Duplex motor assembly, PL 5.25 Item 4.
    - Document transport assembly, PL 5.10 Item 2.

4250/4260 Checkout

Refer to Wiring Diagram 29. Perform the following:

1. Raise the DADF input tray, PL 5.30 Item 11. Remove all jammed paper.
2. Open the DADF top cover assembly, PL 5.30 Item 2. Raise the pickup guide assembly, PL 5.45 Item 1. Check the document path for damage or obstructions. If necessary, install a new document transport assembly, PL 5.30 Item 26.
3. Check that the following components are clean and rotate freely.
   - Duplex roll, PL 5.45 Item 8.
   - Duplex roll idlers, PL 5.45 Item 20.
4. Remove the lower guide assembly, PL 5.50 Item 1. Check that the duplex sensor actuator, PL 5.55 Item 5 moves freely and is not damaged.
5. Enter dC330 code 05-170. Check the duplex sensor (Q05-170), PL 5.55 Item 1. If necessary, install a new duplex sensor, PL 5.55 Item 1.
6. Check the wiring between the duplex sensor and CN10 on the DADF PWB. If necessary, install a new duplex sensor, PL 5.55 Item 1.
7. Enter code 05-220. Check that the DADF duplex motor, PL 5.30 Item 7 runs in the reverse direction and drives the duplex roll, PL 5.45 Item 8.
8. Check the wiring between the DADF duplex motor and CN11 on the DADF PWB.
9. If necessary, install new components:
   - Duplex motor assembly, PL 5.30 Item 7.
   - DADF PWB, PL 5.30 Item 24.
   - Document transport assembly, PL 5.30 Item 26.

05-400 DADF Jam 4 RAP

05-400 The lead edge or trail edge of the document failed to actuate or deactuate the scan sensor within the correct time in reverse mode.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

Refer to Wiring Diagram 11. Perform the following:

1. Open the DADF top cover assembly, PL 5.15 Item 11. Remove all jammed paper.
2. Raise the DADF input tray, PL 5.10 Item 5. Remove all jammed paper.
3. Check the document path for damage or obstructions.
4. Check that the following components are clean and rotate freely.
   - Duplex roll, PL 5.25 Item 22.
   - Duplex roll idlers, PL 5.15 Item 28.
   - Scan roll, PL 5.25 Item 23.
   - Scan roll idlers, PL 5.10 Item 18.
   - Gate roll, PL 5.25 Item 15.
   - Gate roll idlers, PL 5.10 Item 18.
   - Exit roll, PL 5.20 Item 2.
   - Exit roll idlers, PL 5.20 Item 20.
5. Check that the scan sensor actuator, PL 5.25 Item 28 moves freely and is not damaged.
6. Enter dC330 code 05-140. Check the scan sensor (Q05-140).

   NOTE: *The scan sensor is mounted on the DADF PWB, PL 5.20 Item 6.*

7. Remove the DADF rear cover, PL 5.10 Item 4. Enter dC330 code 05-200. Check that the DADF scan motor, PL 5.25 Item 12 runs and drives the following components:
   - Duplex roll, PL 5.25 Item 22.
   - Scan roll, PL 5.25 Item 23.
   - Gate roll, PL 5.25 Item 15.
8. Enter code 05-210. Check that the DADF duplex motor, PL 5.25 Item 5 runs and drives the exit roll, PL 5.20 Item 2.
9. Check the wiring between the DADF scan motor and CN4 on the DADF PWB.
10. Check the wiring between the duplex motor and CN5 on the DADF PWB.
11. If necessary, install new components:
    - DADF PWB, PL 5.20 Item 6.
    - DADF scan motor, PL 5.25 Item 12.
    - DADF scan motor assembly, PL 5.25 Item 10.
    - Duplex motor assembly, PL 5.25 Item 4.
    - Document transport assembly, PL 5.10 Item 2.

4250/4260 Checkout

Refer to Wiring Diagram 29. Perform the following:

1. Open the DADF top cover assembly, PL 5.30 Item 2. Raise the pickup guide assembly, PL 5.45 Item 1. Check the document path for damage or obstructions. If necessary, install a new document transport assembly, PL 5.30 Item 26.
2. Raise the DADF. Lower the lower inverter tray, PL 5.35 Item 3. Check the document path for damage or obstructions.
3. Check that the following components are clean and rotate freely.
   - CVT roll, PL 5.50 Item 19.
   - Transport idler, PL 5.45 Item 11.
   - CVT roll upper idler, PL 5.40 Item 15.
   - CVT roll lower idler, PL 5.35 Item 8.
   - Gate roll, PL 5.50 Item 18.
   - Gate roll idlers, PL 5.35 Item 8.
   - Lower exit roll, PL 5.55 Item 10.
   - Lower exit roll idlers, PL 5.35 Item 8.
4. Remove the DADF lower guide assembly, PL 5.50 Item 1.
5. Check that the scan sensor actuator, PL 5.55 Item 4 moves freely and is not damaged.
6. Enter dC330 code 05-140. Check the scan sensor (Q05-140), PL 5.55 Item 1.
7. Check the wiring between the scan sensor and CN10 on the DADF PWB. If necessary, install a new scan sensor, PL 5.55 Item 1.
8. Remove the DADF rear cover, PL 5.30 Item 13. Enter dC330 code 05-200. Check that the DADF scan motor, PL 5.30 Item 6 runs and drives the CVT roll, PL 5.50 Item 19.
9. While the DADF scan motor runs, stack the code 05-310 to energize the registration clutch (CL05-310). Check that the CVT roll does not rotate.
10. While the DADF scan motor runs, stack the code 05-320 to energize the lift solenoid (SOL05-320). Check that the separation gate drive gear rotates.
11. Check the wiring between the DADF scan motor and CN6 on the DADF PWB.
12. Check the wiring between the registration clutch and CN6 on the DADF PWB. If necessary, install a new registration clutch, PL 5.30 Item 9.
13. Check the wiring between the lift solenoid and CN9 on the DADF PWB. If necessary, install a new DADF scan motor assembly, PL 5.30 Item 6.
14. If necessary, install new components:
    - DADF scan motor assembly, PL 5.30 Item 6.
    - DADF PWB, PL 5.30 Item 24.
    - Document transport assembly, PL 5.30 Item 26.

05-500 DADF Jam 5 RAP

05-500 (4150) The machine has detected that the DADF, DADF top cover assembly or exit assembly are open during run.

05-500 (4260) The machine has detected that the DADF or DADF top cover assembly are open during run.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

Refer to Wiring Diagram 9 and Wiring Diagram 11. Perform the following:

1. Open the DADF top cover assembly, PL 5.15 Item 11. Remove all jammed paper.
2. Raise the DADF input tray, PL 5.10 Item 5. Remove all jammed paper.
3. Open the DADF. Check that the platen cover sensor actuator, PL 14.10 Item 12 moves freely and is not damaged.
4. Enter dC330 code 05-400. Check the platen cover sensor (Q05-400), PL 14.10 Item 14.
5. Check the wiring between the platen cover sensor and CN3 on the Scanner PWB. If necessary, install a new platen cover sensor, PL 14.10 Item 14.
6. Open the DADF top cover assembly, PL 5.15 Item 11. Check that the door open switch actuator is not damaged.
7. Enter dC330 code 05-160. Check the DADF door open switch (S05-160), PL 5.25 Item 8.
8. Check the wiring between the DADF door open switch and CN6 on the DADF PWB. If necessary, install a new DADF door open switch, PL 5.25 Item 8.
9. Open the exit assembly, PL 5.20 Item 26. Check that the exit open sensor actuator is not damaged.
10. Enter dC330 code 05-180. Check the exit open sensor (Q05-180), PL 5.20 Item 16.
11. Check the wiring between the exit open sensor and CN6 on the DADF Sensor PWB. If necessary, install a new exit open sensor, PL 5.20 Item 16.
12. Check the wiring between CN1 on the DADF Sensor PWB and CN3 on the DADF PWB.
13. If necessary, install new components:
    - DADF PWB, PL 5.20 Item 6.
    - DADF sensor PWB, PL 5.20 Item 4.
    - Document transport assembly, PL 5.10 Item 2.
    - Scanner assembly, PL 14.10 Item 1.

4250/4260 Checkout

Refer to Wiring Diagram 28 and Wiring Diagram 29. Perform the following:

1. Open the DADF top cover assembly, PL 5.30 Item 2. Remove all jammed paper.
2. Open the DADF. Check that the platen cover sensor actuator, PL 14.13 Item 27 moves freely and is not damaged.
3. Enter dC330 code 05-400. Check the platen cover sensor (Q05-400), PL 14.13 Item 14.
4. Check the wiring between the platen cover sensor and CN4 on the Scanner PWB. If necessary, install a new platen cover sensor, PL 14.13 Item 14.
5. Open the DADF top cover assembly, PL 5.30 Item 2. Check that the door open switch actuator is not damaged. If necessary, install a new DADF top cover assembly, PL 5.30 Item 2.
6. Enter dC330 code 05-160. Check the DADF door open switch (S05-160), PL 5.50 Item 21.
7. Check the wiring between the DADF door open switch and CN4 on the DADF PWB. If necessary, install a new document transport assembly, PL 5.30 Item 26.
8. If necessary, install new components:
    - DADF PWB, PL 5.30 Item 24.
    - Document transport assembly, PL 5.30 Item 26.
    - Scanner assembly, PL 14.13 Item 1.

05-600 DADF Jam 6 RAP

05-600 The machine has detected that a DADF sensor is actuated when the machine is switched on.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

Refer to Wiring Diagram 11. Perform the following:

1. Open the DADF top cover assembly, PL 5.15 Item 11. Remove all jammed paper.
2. Raise the DADF input tray, PL 5.10 Item 5. Remove all jammed paper.
3. Check the document path for damage or obstructions.
4. Check that the following actuators move freely and are not damaged:
   - Document detect sensor actuator, PL 5.20 Item 17.
   - Paper width sensor actuator, PL 5.20 Item 17.
   - Paper length sensor actuator, PL 5.10 Item 14.
   - Registration sensor actuator, PL 5.15 Item 12.
   - Scan sensor actuator, PL 5.25 Item 28.
   - Gate sensor actuator, PL 5.10 Item 26.
   - Duplex sensor actuator, PL 5.25 Item 27.
5. Enter dC330. Check the following sensors. Install new components as necessary:
   - Code 05-100, document detect sensor (Q05-100), PL 5.20 Item 13.
   - Code 05-110, paper width sensor (Q05-110), PL 5.20 Item 13.
   - Code 05-120, paper length sensor (Q05-120), PL 5.10 Item 12.
   - Code 05-130, registration sensor (Q05-130), PL 5.15 Item 14.
   - Code 05-140, scan sensor (Q05-140).
   - Code 05-150, gate sensor (Q05-150), PL 5.10 Item 24.
   - Code 05-170, duplex sensor (Q05-170).

   NOTE: *The scan sensor and duplex sensor are mounted on the DADF PWB, PL 5.20 Item 6.*
6. Check the following wiring:
   - Between the document detect sensor, and CN4 on the DADF Sensor PWB.
   - Between the paper width sensor and CN4 on the DADF Sensor PWB.
   - Between the paper length sensor and CN3 on the DADF Sensor PWB.
   - Between the registration sensor and CN5 on the DADF Sensor PWB.
   - Between the gate sensor and CN2 on the DADF Sensor PWB.
   - Between CN1 on the DADF Sensor PWB and CN3 on the DADF PWB.
7. If necessary, install new components:
   - DADF PWB, PL 5.20 Item 6.
   - DADF sensor PWB, PL 5.20 Item 4.
   - Document transport assembly, PL 5.10 Item 2.

4250/4260 Checkout

Refer to Wiring Diagram 29. Perform the following:

1. Open the DADF top cover assembly, PL 5.30 Item 2. Remove all jammed paper.
2. Raise the DADF input tray, PL 5.30 Item 11. Remove all jammed paper.
3. Check the document path for damage or obstructions.
4. Check that the following actuators move freely and are not damaged:
   - Document detect sensor actuator, PL 5.45 Item 15.
   - Paper width sensor actuator, PL 5.45 Item 15.
   - Paper length sensor actuator, PL 5.32 Item 10.
   - Registration sensor actuator, PL 5.40 Item 18.
   - Scan sensor actuator, PL 5.55 Item 4.
   - Gate sensor actuator, PL 5.55 Item 3.
   - Duplex sensor actuator, PL 5.55 Item 5.
   - R stack sensor actuator, PL 5.35 Item 17.
5. Enter dC330. Check the following sensors. Install new components as necessary:
   - Code 05-100, document detect sensor (Q05-100), PL 5.45 Item 10.
   - Code 05-110, paper width sensor (Q05-110), PL 5.45 Item 10.
   - Code 05-120, paper length sensor (Q05-120), PL 5.32 Item 9.
   - Code 05-130, registration sensor (Q05-130), PL 5.40 Item 17.
   - Code 05-140, scan sensor (Q05-140), PL 5.55 Item 1.
   - Code 05-150, gate sensor (Q05-150), PL 5.55 Item 1.
   - Code 05-170, duplex sensor (Q05-170), PL 5.55 Item 1.
   - Gate HP sensor, PL 5.50 Item 20.
   - R stack sensor, PL 5.35 Item 16.

   NOTE: *There is not a component control code for the gate HP sensor or R stack sensor.*
6. Check the following wiring:
   - Between the document detect sensor, and CN3 on the DADF PWB.
   - Between the paper width sensor and CN3 on the DADF PWB.
   - Between the paper length sensor and CN5 on the DADF PWB.
   - Between the registration sensor and CN7 on the DADF PWB.
   - Between the scan sensor and CN10 on the DADF PWB.
   - Between the gate sensor and CN10 on the DADF PWB.
   - Between the duplex sensor and CN10 on the DADF PWB.
   - Between the gate HP sensor and CN9 on the DADF PWB.
   - Between the R stack sensor and CN12 on the DADF PWB.
7. If necessary, install new components:
   - DADF PWB, PL 5.30 Item 24.
   - Document transport assembly, PL 5.30 Item 26.

05-700 DADF Jam 7 RAP

05-700 The machine has detected that a oversize document has been fed.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

Refer to Wiring Diagram 11. Perform the following:

1. Open the DADF top cover assembly, PL 5.15 Item 11. Remove all jammed paper.
2. Raise the DADF input tray, PL 5.10 Item 5. Remove all jammed paper.
3. Check that the customer is not attempting to feed documents outside of specification, refer to GP 8 DADF Document Feeding Specifications.
4. Check the feed roll assembly, PL 5.15 Item 5. If necessary, install a new feed roll assembly, PL 5.15 Item 5.
5. Check the retard pad, PL 5.20 Item 12. If necessary, install a new retard pad, PL 5.20 Item 12.
6. Check that the registration sensor actuator, PL 5.15 Item 12 moves freely and is not damaged.
7. Enter dC330 code 05-130. Check the registration sensor (Q05-130), PL 5.15 Item 14.
8. Check the wiring between the registration sensor and CN5 on the DADF Sensor PWB. If necessary, install a new registration sensor, PL 5.15 Item 14.
9. If necessary, install new components:
   - DADF PWB, PL 5.20 Item 6.
   - DADF sensor PWB, PL 5.20 Item 4.
   - Document transport assembly, PL 5.10 Item 2.

4250/4260 Checkout

Refer to Wiring Diagram 29. Perform the following:

1. Open the DADF top cover assembly, PL 5.30 Item 2. Remove all jammed paper.
2. Raise the DADF input tray, PL 5.30 Item 11. Remove all jammed paper.
3. Check that the customer is not attempting to feed documents outside of specification, refer to GP 8 DADF Document Feeding Specifications.
4. Check the feed roll assembly, PL 5.40 Item 7. If necessary, install a new feed roll assembly, PL 5.40 Item 7.
5. Check the retard pad, PL 5.45 Item 4. If necessary, install a new retard pad, PL 5.45 Item 4.
6. Check that the registration sensor actuator, PL 5.40 Item 18 moves freely and is not damaged.
7. Enter dC330 code 05-130. Check the registration sensor (Q05-130), PL 5.40 Item 17.
8. Check the wiring between the registration sensor and CN7 on the DADF PWB. If necessary, install a new registration sensor, PL 5.40 Item 17.
9. If necessary, install new components:
   - DADF PWB, PL 5.30 Item 24.
   - Document transport assembly, PL 5.30 Item 26.

05-800 DADF Jam 8 RAP

05-800 The trail edge of the document failed to deactuate the R stack sensor within the correct time in reverse mode.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Refer to Wiring Diagram 29. Perform the following:

1. Raise the DADF. Lower the lower inverter tray, PL 5.35 Item 3. Remove all jammed paper.
2. Check the document path for damage or obstructions.
3. Remove the jam clearance guide housing, PL 5.35 Item 15. Check the reverse guide, PL 5.35 Item 14 for damage.
4. Check that the following components are clean and rotate freely:
   - Upper exit roll, PL 5.45 Item 20.
   - Upper exit roll idlers, PL 5.55 Item 9.
   - Lower exit roll, PL 5.55 Item 10.
   - Lower exit roll idlers, PL 5.35 Item 8.
5. Check that the R stack sensor actuator, PL 5.35 Item 17 moves freely and is not damaged.
6. Check the R stack sensor, PL 5.35 Item 16.

   NOTE: *There is not a component control code for the R stack sensor.*

7. Check the wiring between the R stack sensor and CN12 on the DADF PWB. If necessary, install a new R stack sensor, PL 5.35 Item 16.
8. Remove the DADF rear cover, PL 5.30 Item 13. Enter dC330 code 05-210. Check that the DADF duplex motor, PL 5.30 Item 7 runs and drives the lower exit roll, PL 5.55 Item 10.
9. Check the wiring between the DADF duplex motor and CN11 on the DADF PWB.
10. If necessary, install new components:
    - DADF duplex motor assembly, PL 5.30 Item 7.
    - DADF PWB, PL 5.30 Item 24.
    - Document transport assembly, PL 5.30 Item 26.
    - DADF assembly, PL 5.30 Item 1.

05-900 DADF Jam 0 RAP

05-900 The lead edge of the document failed to actuate the registration sensor within the correct time.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

Refer to Wiring Diagram 11. Perform the following:

1. Remove all jammed paper from the DADF input tray.
2. Open the DADF top cover assembly, PL 5.15 Item 11. Check the document path for damage or obstructions.
3. Check the feed roll assembly, PL 5.15 Item 5. If necessary, install a new feed roll assembly, PL 5.15 Item 5.
4. Check the retard pad, PL 5.20 Item 12. If necessary, install a new retard pad, PL 5.20 Item 12.
5. Check that the registration sensor actuator, PL 5.15 Item 12 moves freely and is not damaged.
6. Enter dC330 code 05-130. Check the registration sensor (Q05-130), PL 5.15 Item 14.
7. Check the wiring between the registration sensor and CN5 on the DADF Sensor PWB. If necessary, install a new registration sensor, PL 5.15 Item 14.
8. Check the wiring between CN1 on the DADF Sensor PWB and CN3 on the DADF PWB.
9. Enter dC330 code 05-200. Check that the DADF scan motor (MOT05-200), PL 5.25 Item 12 runs.
10. While the DADF scan motor runs, stack the code 05-300 to energize the pick up clutch (CL05-300). Check that the feed roll, PL 5.15 Item 5 rotates.
11. Check the wiring between the pick up clutch and CN6 on the DADF PWB. If necessary, install a new pick up clutch, PL 5.15 Item 4.
12. Check the wiring between the DADF scan motor and CN4 on the DADF PWB.
13. If necessary, install new components:
    - DADF PWB, PL 5.20 Item 6.
    - DADF sensor PWB, PL 5.20 Item 4.
    - DADF scan motor, PL 5.25 Item 12.
    - DADF scan motor assembly, PL 5.25 Item 10.
    - Document transport assembly, PL 5.10 Item 2.

4250/4260 Checkout

Refer to Wiring Diagram 29. Perform the following:

1. Remove all jammed paper from the DADF input tray.

2. Open the DADF top cover assembly, PL 5.30 Item 2. Check the document path for damage or obstructions.
3. Check the feed roll assembly, PL 5.40 Item 7. If necessary, install a new feed roll assembly, PL 5.40 Item 7.
4. Check the retard pad, PL 5.45 Item 4. If necessary, install a new retard pad, PL 5.45 Item 4.
5. Check that the registration sensor actuator, PL 5.40 Item 18 moves freely and is not damaged.
6. Enter dC330 code 05-130. Check the registration sensor (Q05-130), PL 5.40 Item 17.
7. Check the wiring between the registration sensor and CN7 on the DADF PWB. If necessary, install a new registration sensor, PL 5.40 Item 17.
8. Enter dC330 code 05-200. Check that the DADF scan motor (MOT05-200), PL 5.30 Item 6 runs.
9. While the DADF scan motor runs, stack the code 05-300 to energize the pick up clutch (CL05-300). Check that the feed roll, PL 5.40 Item 7 rotates.
10. Check the wiring between the DADF scan motor and CN6 on the DADF PWB.
11. Check the wiring between the pick up clutch and CN6 on the DADF PWB. If necessary, install a new pick up clutch, PL 5.30 Item 8.
12. If necessary, install new components:
    - DADF scan motor assembly, PL 5.30 Item 6.
    - DADF PWB, PL 5.30 Item 24.
    - Document transport assembly, PL 5.30 Item 26.

05-920 DADF Door Open RAP

05-920 The machine has detected that the DADF door is open.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

Refer to Wiring Diagram 11. Perform the following:

1. Open the DADF top cover assembly, PL 5.15 Item 11. Check that the DADF door open switch actuator on the top cover, PL 5.15 Item 22 is not missing or damaged. Install new components as necessary, PL 5.15.
2. Enter dC330 code 05-160. Check the DADF door open switch (S05-160), PL 5.25 Item 8.
3. Check the wiring between the DADF door open switch and CN6 on the DADF PWB. If necessary, install a new DADF door open switch, PL 5.25 Item 8.
4. If necessary, install new components:
    - DADF PWB, PL 5.20 Item 6.
    - Document transport assembly, PL 5.10 Item 2.

4250/4260 Checkout

Refer to Wiring Diagram 29. Perform the following:

1. Open the DADF top cover assembly, PL 5.30 Item 2. Check that the DADF door open switch actuator on the top cover, PL 5.30 Item 2 is not missing or damaged. Install new components as necessary, PL 5.40.
2. Enter dC330 code 05-160. Check the DADF door open switch (S05-160), PL 5.50 Item 21.
3. Check the wiring between the DADF door open switch and CN4 on the DADF PWB. If necessary, install a new DADF scan motor assembly, PL 5.30 Item 6.
4. If necessary, install new components:
    - DADF PWB, PL 5.30 Item 24.
    - Document transport assembly, PL 5.30 Item 26.

05-930 DADF Exit Door Open RAP

05-930 The machine has detected that the DADF exit door is open.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Refer to Wiring Diagram 11. Perform the following:

1. Raise the DADF input tray, PL 5.10 Item 5. Open the DADF exit assembly, PL 5.20 Item 26. Check that the DADF exit sensor actuator is not missing or damaged. Install new components as necessary, PL 5.20.
2. Enter dC330 code 05-180. Check the DADF exit open sensor (Q05-180), PL 5.20 Item 16.
3. Check the wiring between the DADF exit open sensor and CN6 on the DADF Sensor PWB. If necessary, install a new DADF exit open sensor, PL 5.20 Item 16.
4. Check the wiring between CN1 on the DADF Sensor PWB and CN3 on the DADF PWB.
5. If necessary, install new components:
   - DADF PWB, PL 5.20 Item 6.
   - DADF sensor PWB, PL 5.20 Item 4.
   - Document transport assembly, PL 5.10 Item 2.

05A Document Not Sensed in DADF RAP

Use this RAP if the machine fails to detect a document in the DADF.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

1. Refer to Wiring Diagram 11. Perform the following:
   a. Check that the document detect sensor actuator, PL 5.20 Item 17 moves freely and is not damaged. If necessary, install a document detect sensor actuator, PL 5.20 Item 17.
   b. Enter dC330 code 05-100. Check the document detect sensor (Q05-100), PL 5.20 Item 13.
   c. Check the wiring between the document detect sensor and CN4 on the DADF Sensor PWB. If necessary, install a new document detect sensor, PL 5.20 Item 13.
   d. Check the wiring between CN1 on the DADF Sensor PWB and CN3 on the DADF PWB.
2. Refer to Wiring Diagram 9. Perform the following:
   a. Check that the platen cover sensor actuator, PL 14.10 Item 12 moves freely and is not damaged.
   b. Enter dC330 code 05-400. Check the platen cover sensor (Q05-400), PL 14.10 Item 14.
   c. Check the wiring between the platen cover sensor and CN3 on the Scanner PWB. If necessary, install a new platen cover sensor, PL 14.10 Item 12.

4250/4260 Checkout

1. Refer to Wiring Diagram 29. Perform the following:
   a. Check that the document detect sensor actuator, PL 5.45 Item 15 moves freely and is not damaged. If necessary, install a document detect sensor actuator, PL 5.45 Item 14.
   b. Enter dC330 code 05-100. Check the document detect sensor (Q05-100), PL 5.45 Item 10.
   c. Check the wiring between the document detect sensor and CN3 on the DADF PWB. If necessary, install a new document detect sensor, PL 5.45 Item 10.
2. Refer to Wiring Diagram 28. Perform the following:
   a. Check that the platen cover sensor actuator, PL 14.13 Item 27 moves freely and is not damaged.
   b. Enter dC330 code 05-400. Check the platen cover sensor (Q05-400), PL 14.13 Item 14.
   c. Check the wiring between the platen cover sensor and CN4 on the Scanner PWB. If necessary, install a new platen cover sensor, PL 14.13 Item 14.

06-100, 200 LSU Error RAP

06-100 The machine has detected that the LSU did not reach a ready state within the correct time.

06-200 The machine did not detect the laser beam within the correct time.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Avoid exposure to laser beam. Invisible laser radiation.

Go to the relevant procedure:

- 4150 Checkout
- 4250 Checkout
- 4260 Checkout

4150 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 3. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Enter dC330 codes 06-100 and 06-110. Check that the LSU motor is up to the required speed.
3. Check the wiring between the LSU and CN5 on the Main PWB.
4. If necessary, install a new LSU, PL 6.10 Item 1.
5. Perform the OF5 Main PWB Check RAP.

4250 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 32. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Enter dC330 codes 06-100 and 06-110. Check that the LSU motor is up to the required speed.
3. Check the wiring between the LSU and CN39 on the Main PWB.
4. If necessary, install a new LSU, PL 6.10 Item 1.
5. Perform the OF5 Main PWB Check RAP.

4260 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 21. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Enter dC330 codes 06-100 and 06-110. Check that the LSU motor is up to the required speed.
3. Check the wiring between the LSU and CN4 on the Main PWB.
4. If necessary, install a new LSU, PL 6.10 Item 1.
5. Perform the OF5 Main PWB Check RAP.

07-100 Tray 1 Paper Low RAP

07-100 The machine has detected that tray 1 is nearly empty.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

NOTE: *The main PWB has test points. The location of the test points is shown on the following PJ location illustrations:*

- *4150 Main PWB.*
- *4250/4260 Main PWB.*

Refer to:

- **(4150)** Wiring Diagram 6.
- **(4250/4260)** Wiring Diagram 24 and Wiring Diagram 25.

Perform the following:

1. Make sure tray 1 is fully home.
2. Pull out tray 1. Check for obstructions behind the tray.
3. Check the tray elevator mechanism on the back of tray 1.
4. Check that the tray 1 paper low sensor actuator on the tray elevator gear, PL 7.10 Item 24 is not missing or damaged. If necessary, install a new tray elevating gear, PL 7.10 Item 24.
5. Replace tray 1. Listen for the tray elevating motor to raise the knock-up plate. If the plate does not rise, perform the following:
   - **(4150)** Check the wiring between the tray 1 elevating motor and CN19 on the Main PWB.
   - **(4250/4260)** Check the wiring between the tray 1 elevating motor and CN14 on the Main PWB.

   If necessary, install new components:
   - Tray 1 elevating motor, PL 7.15 Item 8.
   - Tray feed assembly, PL 8.10 Item 1.
6. Enter dC330 code 07-160. Check the tray 1 paper low sensor (Q07-160), PL 7.15 Item 2.
7. **(4150)** Check the wiring between the tray 1 paper low sensor and CN15 on the Main PWB. If necessary, install a new tray 1 paper low sensor, PL 7.15 Item 2.
8. **(4250/4260)** Check the wiring between the tray 1 paper low sensor and CN15 on the Main PWB. If necessary, install a new tray 1 paper low sensor, PL 7.15 Item 2.
9. If necessary, install a new tray 1 cassette assembly, PL 7.10 Item 1.
10. Perform the OF5 Main PWB Check RAP.

07-110 Paper Empty at Tray 1 RAP

07-110 The machine has detected that tray 1 is empty.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

NOTE: *The main PWB has test points. The location of the test points is shown on the following PJ location illustrations:*

- *4150 Main PWB.*
- *4250/4260 Main PWB.*

Refer to:

- **(4150)** Wiring Diagram 6.
- **(4250/4260)** Wiring Diagram 25.

Perform the following:

1. Remove tray 1. Check that the tray 1 paper empty sensor actuator, PL 8.10 Item 4 moves freely and is not damaged.
2. Replace tray 1. Listen for the tray elevating motor to raise the knock-up plate. If the plate does not rise, perform the following:
   - **(4150)** Check the wiring between the tray 1 elevating motor and CN19 on the Main PWB.
   - **(4250/4260)** Check the wiring between the tray 1 elevating motor and CN14 on the Main PWB.

   If necessary, install new components:
   - Tray 1 elevating motor, PL 7.15 Item 8.
   - Tray feed assembly, PL 8.10 Item 1.
3. Enter dC330 code 07-110. Check the tray 1 paper empty sensor (Q07-110), PL 8.10 Item 2.
4. **(4150)** Check the wiring between the tray 1 paper empty sensor and CN19 on the Main PWB. If necessary, install a new tray 1 paper empty sensor, PL 8.10 Item 2.
5. **(4250/4260)** Check the wiring between the tray 1 paper empty sensor and CN14 on the Main PWB. If necessary, install a new tray 1 paper empty sensor, PL 8.10 Item 2.
6. If necessary, install a new tray 1 feed assembly, PL 8.10 Item 1.
7. Perform the OF5 Main PWB Check RAP.

07-120 Tray 1 Cassette Out RAP

07-120 The machine has detected that tray 1 is not home.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

NOTE: *The main PWB has test points. The location of the test points is shown on the following PJ location illustrations:*

- *4150 Main PWB.*
- *4250/4260 Main PWB.*

Refer to:

- **(4150)** Wiring Diagram 6.
- **(4250/4260)** Wiring Diagram 24 and Wiring Diagram 25.

Perform the following:

1. Make sure tray 1 is fully home.
2. Pull out tray 1. Check for obstructions behind the tray.
3. Check that the tray 1 home position sensor actuator on the back of the tray is not missing or damaged.
4. Enter dC330 code 07-100. Check the tray 1 home position sensor (Q07-100), PL 7.15 Item 2.
5. **(4150)** Check the wiring between the tray 1 home position sensor and CN15 on the Main PWB. If necessary, install a new tray 1 home position sensor, PL 7.15 Item 2.
6. **(4250/4260)** Check the wiring between the tray 1 home position sensor and CN15 on the Main PWB. If necessary, install a new tray 1 home position sensor, PL 7.15 Item 2.
7. Manually lower, then raise the tray 1 feed head link arm, PL 7.17 Item 12. Check that the feed head, PL 8.10 Item 5 moves freely. Check that the actuator on the feed head actuates the tray 1 up limit switch, PL 8.10 Item 17.
8. Check the tray 1 up limit switch, PL 8.10 Item 17.

   NOTE: *There is not a component control code for the tray 1 up limit switch.*

9. **(4150)** Check the wiring between the tray 1 up limit switch and CN19 on the Main PWB.
10. **(4250/4260)** Check the wiring between the tray 1 up limit switch and CN15 on the Main PWB.
11. If necessary, install a new tray 1 feed assembly, PL 8.10 Item 1.
12. Perform the OF5 Main PWB Check RAP.

07-130 Jam 0 From Tray 1 RAP

07-130 The lead edge of the paper failed to actuate the registration sensor within the correct time after paper was fed from tray 1.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

NOTE: *The main PWB has test points. The location of the test points is shown on the following PJ location illustrations:*

- *4150 Main PWB.*
- *4250/4260 Main PWB.*

NOTE: *The side cover assembly interlock switch must be closed to supply +24V to the motors and clutches.*

Refer to:

- **(4150)** Wiring Diagram 4 and Wiring Diagram 5.
- **(4250/4260)** Wiring Diagram 24.

Perform the following:

1. Pull out tray 1. Remove all jammed paper.
2. Check the paper path for damage or obstructions.
3. Check that the registration sensor actuator, PL 8.15 Item 5 moves freely and is not damaged. If necessary, install a new registration sensor actuator assembly, PL 8.15 Item 14.
4. Enter dC330 code 08-500. Check the registration sensor (Q08-500), PL 8.15 Item 8.
5. **(4150)** Check the wiring between the registration sensor and CN13 on the Main PWB. If necessary, install a new registration sensor, PL 8.15 Item 8.
6. **(4250/4260)** Check the wiring between the registration sensor and CN12 on the Main PWB. If necessary, install a new registration sensor, PL 8.15 Item 8.
7. Check that the feed sensor actuator, PL 8.15 Item 4 moves freely and is not damaged. If necessary, install a new feed sensor actuator assembly, PL 8.15 Item 13.
8. Enter dC330 code 08-100. Check the feed sensor (Q08-100), PL 8.15 Item 8.
9. **(4150)** Check the wiring between the feed sensor and CN13 on the Main PWB. If necessary, install a new feed sensor, PL 8.15 Item 8.
10. **(4250/4260)** Check the wiring between the feed sensor and CN12 on the Main PWB. If necessary, install a new feed sensor, PL 8.15 Item 8.
11. Enter dC330 code 04-100 to run the main BLDC motor.
12. While the main BLDC motor runs, stack the code 08-810 to energize the tray 1 pickup clutch (CL08-810). Check that the tray 1 feed roll, PL 8.10 Item 12 rotates.
13. **(4150)** Check the wiring between the tray 1 pickup clutch and CN13 on the Main PWB. Install new components as necessary, PL 4.20, PL 7.15 and PL 8.10.
14. **(4250/4260)** Check the wiring between the tray 1 pickup clutch and CN12 on the Main PWB. Install new components as necessary, PL 4.25, PL 7.15 and PL 8.10.
15. While the main BLDC motor runs, stack the code 08-850 to energize the registration clutch (CL08-850). Check that the registration roll, PL 4.15 Item 1 rotates.

16. **(4150)** Check the wiring between the registration clutch and CN13 on the Main PWB. Install new components as necessary, PL 4.15 and PL 4.20.
17. **(4250/4260)** Check the wiring between the registration clutch and CN12 on the Main PWB. Install new components as necessary, PL 4.15 and PL 4.25.
18. Check that the following components are clean and rotate freely, install new components as necessary:
    - Tray 1 feed roll, PL 8.10 Item 12.
    - Tray 1 nudger roll, PL 8.10 Item 12.
    - Tray 1 retard roll, PL 7.15 Item 20.
    - Registration roll, PL 4.15 Item 1.
    - Registration roll idler, PL 4.15 Item 7.
19. If necessary, install a new tray feed assembly, PL 8.10 Item 1.
20. Perform the OF5 Main PWB Check RAP.

07-200, 300, 400 Tray 2, 3, 4 or HCF Paper Low RAP

07-200 The machine has detected that tray 2 is nearly empty when the tray is full.

07-300 The machine has detected that tray 3 or HCF is nearly empty when the tray is full.

07-400 The machine has detected that tray 4 is nearly empty when the tray is full.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 and 4250/4260 Without an HCF
- 4250/4260 With an HCF

4150 and 4250/4260 Without an HCF

NOTE: *Trays 2, 3 and 4 are identical. Check the relevant tray module.*

Refer to:

- **(4150)** Wiring Diagram 7, Wiring Diagram 12 and Wiring Diagram 13.
- **(4250/4260)** Wiring Diagram 12, Wiring Diagram 13 and Wiring Diagram 26.

Perform the following:

1. Make sure the tray is fully home.
2. Pull out the tray. Check for obstructions behind the tray.
3. Check the tray elevator mechanism on the back of the tray.
4. Check that the paper low sensor actuator on the tray elevator gear, PL 7.10 Item 24 is not missing or damaged.
5. Replace the tray. Listen for the tray elevating motor to raise the knock-up plate. If the plate does not rise, check the wiring between the tray elevating motor and CN7 on the Tray PWB. If necessary, install new components:
    - Tray elevating motor, PL 7.20 Item 7.
    - Tray feed assembly, PL 8.10 Item 1.
6. Enter dC330. Check the relevant paper low sensor, PL 7.20 Item 3:
    - **Tray 2.** Code 07-260.
    - **Tray 3.** Code 07-360.
    - **Tray 4.** Code 07-460.
7. Check the wiring between the paper low sensor and CN5 on the Tray PWB. If necessary, install a new paper low sensor, PL 7.20 Item 3.
8. **(4150)** Check the wiring between CN1 on the Tray PWB and CN24 on the Main PWB.
9. **(4250/4260)** Check the wiring between CN1 on the Tray PWB and CN19 on the Main PWB.
10. If necessary, install new components:
    - Tray PWB, PL 7.20 Item 6.
    - Tray cassette, PL 7.10 Item 1.
11. Perform the OF5 Main PWB Check RAP.

4250/4260 With an HCF

Refer to Wiring Diagram 30 and Wiring Diagram 31. Perform the following:

1. Make sure tray HCF tray is fully home.
2. Pull out the HCF tray. Check for obstructions behind the tray.
3. Check the tray elevator mechanism on the back of the tray.

   NOTE: *To remove the HCF tray, refer to REP 7.5.*

4. Check that the HCF paper level sensor actuator, PL 7.55 Item 9 is not damaged.
5. Replace the HCF tray. Listen for the tray elevating motor to raise the knock-up plate. If the plate does not rise, check the wiring between the tray elevating motor and CN7 on the HCF PWB. If necessary, install new components:
   - Tray elevating motor, PL 7.60 Item 10.
   - Tray feed assembly, PL 8.10 Item 1.
6. Enter dC330 code 07-360. Check the paper low sensor (Q07-360), PL 7.60 Item 1.
7. Check the wiring between the upper paper low sensor and CN3 on the HCF PWB. If necessary, install a new paper low sensor, PL 7.60 Item 1.
8. If necessary, install a new HCF PWB, PL 7.60 Item 7.

07-210, 310, 410 Paper Empty at Tray 2, 3, 4 or HCF RAP

07-210 The machine has detected that tray 2 is empty when the tray is full.

07-310 The machine has detected that tray 3 or HCF is empty when the tray is full.

07-410 The machine has detected that tray 4 is empty when the tray is full.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 and 4250/4260 Without an HCF
- 4250/4260 With an HCF

4150 and 4250/4260 Without an HCF

NOTE: *Trays 2, 3 and 4 are identical. Check the relevant tray module.*

Refer to:

- **(4150)** Wiring Diagram 7, Wiring Diagram 12 and Wiring Diagram 13.
- **(4260)** Wiring Diagram 12, Wiring Diagram 13 and Wiring Diagram 26.

Perform the following:

1. Pull out the tray. Check that the paper empty actuator, PL 8.10 Item 4 moves freely and is not damaged.
2. Replace the tray. Listen for the tray elevating motor to raise the knock-up plate. If the plate does not rise, check the wiring between the tray elevating motor and CN7 on the Tray PWB. If necessary, install new components:
   - Tray elevating motor, PL 7.20 Item 7.
   - Tray feed assembly, PL 8.10 Item 1.
3. Enter dC330. Check the relevant paper empty sensor, PL 8.10 Item 2:
   - **Tray 2.** Code 07-210.
   - **Tray 3.** Code 07-310.
   - **Tray 4.** Code 07-410.
4. Check the wiring between the paper empty sensor and CN7 on the Tray PWB. If necessary, install a new paper empty sensor, PL 8.10 Item 2.
5. **(4150)** Check the wiring between CN1 on the Tray PWB and CN24 on the Main PWB.
6. **(4260)** Check the wiring between CN1 on the Tray PWB and CN19 on the Main PWB.
7. If necessary, install a new tray PWB, PL 7.20 Item 6.
8. Perform the OF5 Main PWB Check RAP.

4250/4260 With an HCF

Refer to Wiring Diagram 31. Perform the following:

1. Pull out the HCF tray. Check that the HCF paper empty sensor actuator, PL 8.10 Item 4 moves freely and is not damaged.

2. Replace the HCF tray. Listen for the tray elevating motor to raise the knock-up plate. If the plate does not rise, check the wiring between the tray elevating motor and CN7 on the HCF PWB. If necessary, install new components:
   - Tray elevating motor, PL 7.60 Item 10.
   - Tray feed assembly, PL 8.10 Item 1.
3. Enter dC330 code 07-310. Check the HCF paper empty sensor (Q07-310), PL 8.10 Item 2.
4. Check the wiring between the HCF paper empty sensor and CN7 on the HCF PWB. If necessary, install a new HCF paper empty sensor, PL 8.10 Item 2.
5. If necessary, install a new HCF PWB, PL 7.60 Item 7.

07-220, 320, 420 Tray 2, 3, 4 or HCF Cassette Out RAP

07-220 The machine has detected that tray 2 is not home.

07-320 The machine has detected that tray 3 or HCF is not home.

07-420 The machine has detected that tray 4 is not home.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 and 4250/4260 Without an HCF
- 4250/4260 With an HCF

4150 and 4250/4260 Without an HCF

NOTE: *Trays 2, 3 and 4 are identical. Check the relevant tray module.*

Refer to:

- **(4150)** Wiring Diagram 7, Wiring Diagram 12 and Wiring Diagram 13.
- **(4250/4260)** Wiring Diagram 12, Wiring Diagram 13 and Wiring Diagram 26.

Perform the following:

1. Make sure that the tray is fully home.
2. Pull out the tray. Check for obstructions behind the tray.
3. Check that the tray home position sensor actuator on the back of the tray is not missing or damaged.
4. Enter dC330. Check the relevant tray home position sensor, PL 7.20 Item 3:
   - **Tray 2.** Code 07-200.
   - **Tray 3.** Code 07-300.
   - **Tray 4.** Code 07-400.
5. Check the wiring between the tray home position sensor and CN6 on the Tray PWB. If necessary, install a new tray home position sensor, PL 7.20 Item 3.
6. **(4150)** Check the wiring between CN1 on the Tray PWB and CN24 on the Main PWB.
7. **(4250/4260)** Check the wiring between CN1 on the Tray PWB and CN19 on the Main PWB.
8. Manually lower, then raise the tray feed head link arm, PL 7.25 Item 13. Check that the feed head, PL 8.10 Item 5 moves freely. Check that the actuator on the feed head actuates the tray up limit switch, PL 8.10 Item 17.
9. Check the tray up limit switch, PL 8.10 Item 17.

   NOTE: *There is not a component control code for the tray up limit switch.*
10. Check the wiring between the tray up limit switch and CN7 on the Tray PWB.
11. Install new components as necessary:
    - Tray feed assembly, PL 8.10 Item 1.
    - Tray PWB, PL 7.20 Item 6.

12. Perform the OF5 Main PWB Check RAP.

4250/4260 With an HCF

Refer to Wiring Diagram 31. Perform the following:

1. Make sure the HCF tray is fully home.
2. Pull out the HCF tray. Check for obstructions behind the tray.
3. Check that the HCF tray home position sensor actuator on the back of the HCF tray is not missing or damaged.
4. Enter dC330 code 07-300. Check the HCF tray home sensor (Q07-300), PL 7.60 Item 1.
5. Check the wiring between the HCF tray home position sensor and CN6 on the HCF PWB. If necessary, install a new HCF tray home sensor, PL 7.60 Item 1.
6. Manually lower, then raise the feed head link arm, PL 7.60 Item 15. Check that the feed head, PL 8.10 Item 5 moves freely. Check that the actuator on the feed head actuates the tray 1 up limit switch, PL 8.10 Item 17.
7. Check the tray 1 up limit switch, PL 8.10 Item 17.

   NOTE: *There is not a component control code for the tray 1 up limit switch.*

8. Check the wiring between the tray up limit switch and CN7 on the HCF PWB.
9. If necessary, install a new tray 1 feed assembly, PL 8.10 Item 1.
10. If necessary, install a new HCF PWB, PL 7.60 Item 7.

07-230, 330, 430 Jam 0 From Tray 2, 3, 4 or HCF RAP

07-230 The lead edge of the paper failed to actuate the registration sensor within the correct time after paper was fed from tray 2.

07-330 The lead edge of the paper failed to actuate the registration sensor within the correct time after paper was fed from tray 3 or HCF.

07-430 The lead edge of the paper failed to actuate the registration sensor within the correct time after paper was fed from tray 4.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

NOTE: *The side cover assembly interlock switch must be closed to supply +24V to the motors and clutches.*

Go to the relevant procedure:

- 4150 and 4250/4260 Without an HCF
- 4250/4260 With an HCF

4150 and 4250/4260 Without an HCF

NOTE: *Trays 2, 3 and 4 are identical. Check the relevant tray module.*

Refer to:

- **(4150)** Wiring Diagram 7, Wiring Diagram 12 and Wiring Diagram 13.
- **(4250/4260)** Wiring Diagram 12, Wiring Diagram 13 and Wiring Diagram 24.

Perform the following:

1. Pull out the tray. Remove all jammed paper.
2. Open the tray access door, PL 7.20 Item 18. Remove all jammed paper.
3. Check the paper path for damage or obstructions.
4. Check that the registration sensor actuator, PL 8.15 Item 5 moves freely and is not damaged. If necessary, install a new registration sensor actuator assembly, PL 8.15 Item 14.
5. Enter dC330 code 08-500. Check the registration sensor (Q08-500), PL 8.15 Item 8.
6. **(4150)** Check the wiring between the registration sensor and CN13 on the Main PWB. If necessary, install a new registration sensor, PL 8.15 Item 8.
7. **(4250/4260)** Check the wiring between the registration sensor and CN12 on the Main PWB. If necessary, install a new registration sensor, PL 8.15 Item 8.
8. Check that the tray feed sensor actuator, PL 7.25 Item 16 moves freely and is not damaged.
9. Enter dC330. Check the relevant tray feed sensor, PL 7.25 Item 14:
   - **Tray 2.** Code 08-200.
   - **Tray 3.** Code 08-300.
   - **Tray 4.** Code 08-400.
10. Check the wiring between the tray feed sensor and CN10 on the Tray PWB. If necessary, install a new feed sensor, PL 7.25 Item 14.

11. Enter dC330 code. Check that the relevant tray feed motor, PL 7.20 Item 9, runs and drives the tray transport roll, PL 7.25 Item 22:
    - **Tray 2.** Code 08-920.
    - **Tray 3.** Code 08-930.
    - **Tray 4.** Code 08-940.
12. Check the wiring between the tray feed motor and CN4 on the Tray PWB.
13. While the tray feed motor runs, stack the relevant code to energize the tray pickup clutch. Check that the tray feed roll, PL 7.25 Item 11 rotates:
    - **Tray 2.** Code 08-820.
    - **Tray 3.** Code 08-830.
    - **Tray 4.** Code 08-840.
14. Check the wiring between the tray pickup clutch and CN4 on the Tray PWB.
15. Check that the following components are clean and rotate freely:
    - Tray feed roll, PL 7.25 Item 11.
    - Tray nudger roll, PL 8.10 Item 12.
    - Tray retard roll, PL 8.10 Item 12.
    - Tray transport roll, PL 7.25 Item 22.
    - Tray transport roll idlers, part of the tray access door, PL 7.20 Item 18.
16. If necessary, install new components:
    - Tray feed roll, PL 7.25 Item 11.
    - Tray nudger roll, PL 8.10 Item 12.
    - Tray feed motor, PL 7.20 Item 9.
    - Tray PWB, PL 7.20 Item 6.
    - Tray assembly, PL 7.20 Item 1.

4250/4260 With an HCF

NOTE: *The main PWB has 4 test points, GND, +3.3V, +5V and +24V. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 24, Wiring Diagram 30 and Wiring Diagram 31. Perform the following:

1. Pull out the HCF tray. Remove all jammed paper.
2. Open the HCF access door, PL 7.50 Item 5. Remove all jammed paper.
3. Open the tray 2 access door, PL 7.20 Item 18. Remove all jammed paper.
4. Check the paper path for damage or obstructions.
5. Check that the registration sensor actuator, PL 8.15 Item 5 moves freely and is not damaged. If necessary, install a new registration sensor actuator assembly, PL 8.15 Item 14.
6. Enter dC330 code 08-500. Check the registration sensor (Q08-500), PL 8.15 Item 8.
7. Check the wiring between the registration sensor and CN12 on the Main PWB. If necessary, install a new registration sensor, PL 8.15 Item 8.
8. Check that the HCF feed sensor actuator, PL 7.65 Item 14 moves freely and is not damaged.
9. Enter dC330 code 08-300. Check the HCF feed sensor (Q08-300), PL 7.65 Item 14.
10. Check the wiring between the HCF feed sensor and CN10 on the HCF PWB. If necessary, install a new HCF feed sensor, PL 7.65 Item 14.
11. Enter dC330 code 08-930. Check that the HCF feed motor (MOT08-930), PL 7.50 Item 19, runs and drives the HCF transport roll, PL 7.65 Item 8.
12. Check the wiring between the feed motor and CN4 on the HCF PWB. If necessary, install a new HCF feed motor assembly, PL 7.50 Item 19.
13. While the HCF feed motor runs, stack the code 08-830 to energize the HCF pickup clutch (CL08-830). Check that the HCF feed roll, PL 8.10 Item 12 rotates.
14. Check the wiring between the HCF pickup clutch and CN4 on the HCF PWB. If necessary, install a new HCF pickup clutch, PL 7.50 Item 16.
15. Enter dC330 code 08-920. Check that the tray 2 feed motor (MOT08-920), PL 7.20 Item 9, runs and drives the tray 2 transport roll, PL 7.25 Item 22.
16. Check the wiring between the tray 2 feed motor and CN4 on the Tray PWB. If necessary, install a new tray 2 feed motor, PL 7.20 Item 9.
17. Check that the following components are clean and rotate freely, install new components as necessary:
    - HCF feed roll, PL 8.10 Item 12.
    - HCF nudger roll, PL 8.10 Item 12.
    - HCF retard roll, PL 8.10 Item 12.
    - HCF transport roll, PL 7.65 Item 8.
    - HCF transport roll idlers, part of the tray access door, PL 7.50 Item 5.
    - Tray 2 transport roll, PL 7.25 Item 22.
    - Tray 2 transport roll idlers, part of the tray access door, PL 7.20 Item 18.
18. If necessary, install new components:
    - HCF PWB, PL 7.60 Item 7.
    - Tray 2 PWB, PL 7.20 Item 6.
19. If necessary, install new a HCF PWB, PL 7.60 Item 7.
20. Perform the OF5 Main PWB Check RAP.

07-231, 331, 431 Check the Tray Feed Area RAP

07-231 The machine has detected that paper is jammed in the tray 2 paper feeding area or the tray 2 side cover is open at power on.

07-331 The machine has detected that paper is jammed in the tray 3 or HCF paper feeding area or the tray 3 side cover is open at power on.

07-431 The machine has detected that paper is jammed in the tray 4 paper feeding area or the tray 4 side cover is open at power on.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 and 4250/4260 Without an HCF
- 4250/4260 With an HCF

4150 and 4250/4260 Without an HCF

NOTE: *Trays 2, 3 and 4 are identical. Check the relevant tray module.*

Refer to:

- **(4150)** Wiring Diagram 7, Wiring Diagram 12 and Wiring Diagram 13.
- **(4250/4260)** Wiring Diagram 12, Wiring Diagram 13 and Wiring Diagram 26.

Perform the following:

1. Pull out the tray. Remove all jammed paper.
2. Open the tray access door, PL 7.20 Item 18. Remove all jammed paper.
3. Check the paper path for damage or obstructions.
4. Check that the SCF door sensor actuator on the paper guide, PL 7.20 Item 13 is not missing or damaged.
5. Enter dC330. Check the relevant SCF door sensor, PL 7.25 Item 14:
   - **Tray 2.** Code 08-200.
   - **Tray 3.** Code 08-300.
   - **Tray 4.** Code 08-400.
6. Check the wiring between the SCF door sensor and CN10 on the Tray PWB. If necessary, install a new SCF door sensor, PL 7.25 Item 14.
7. **(4150)** Check the wiring between CN1 on the Tray PWB and CN24 on the Main PWB.
8. **(4250/4260)** Check the wiring between CN1 on the Tray PWB and CN19 on the Main PWB.
9. Check that the tray feed sensor actuator, PL 7.25 Item 16 moves freely and is not damaged.
10. Enter dC330. Check the relevant tray feed sensor, PL 7.25 Item 14:
    - **Tray 2.** Code 08-200.
    - **Tray 3.** Code 08-300.
    - **Tray 4.** Code 08-400.

    NOTE: *The component control codes for the tray feed sensors are the same as for the SCF door sensors.*
11. Check the wiring between the tray feed sensor and CN10 on the Tray PWB. If necessary, install a new feed sensor, PL 7.25 Item 14.
12. Enter dC330. Check that the relevant tray feed motor, PL 7.20 Item 9, runs and drives the tray transport roll, PL 7.25 Item 22:
    - **Tray 2.** Code 08-920.
    - **Tray 3.** Code 08-930.
    - **Tray 4.** Code 08-940.
13. Check the wiring between the tray feed motor and CN4 on the Tray PWB.
14. While the tray feed motor runs, stack the relevant code to energize the tray pickup clutch. Check that the tray feed roll, PL 7.25 Item 11 rotates:
    - **Tray 2.** Code 08-820.
    - **Tray 3.** Code 08-830.
    - **Tray 4.** Code 08-840.
15. Check the wiring between the tray pickup clutch, PL 7.25 Item 30 and CN4 on the Tray PWB.
16. Check that the following components are clean and rotate freely:
    - Tray feed roll, PL 7.25 Item 11.
    - Tray nudger roll, PL 8.10 Item 12.
    - Tray retard roll, PL 8.10 Item 12.
    - Tray transport roll, PL 7.25 Item 22.
    - Tray transport roll idlers, part of the tray access door, PL 7.20 Item 18.
17. If necessary, install new components:
    - Tray feed roll, PL 7.25 Item 11.
    - Tray nudger roll, PL 8.10 Item 12.
    - Tray feed motor, PL 7.20 Item 9.
    - Tray PWB, PL 7.20 Item 6.
    - Tray assembly, PL 7.20 Item 1.

4250/4260 With an HCF

NOTE: *The main PWB has 4 test points, GND, +3.3V, +5V and +24V. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 30 and Wiring Diagram 31. Perform the following:

1. Pull out the HCF tray. Remove all jammed paper.
2. Open the HCF access door, PL 7.50 Item 5. Remove all jammed paper.
3. Check the paper path for damage or obstructions.
4. Check that the SCF door sensor actuator on the paper guide, PL 7.50 Item 3 is not missing or damaged.
5. Enter dC330 code 08-300. Check the HCF door sensor (Q08-300), PL 7.65 Item 14.
6. Check the wiring between the SCF door sensor and CN10 on the HCF PWB. If necessary, install a new HCF door sensor, PL 7.65 Item 14.
7. Check the wiring between CN1 on the HCF PWB and CN19 on the Main PWB.

8. Check that the tray feed sensor actuator, PL 7.65 Item 16 moves freely and is not damaged.
9. Enter dC330 code 08-300. Check the HCF feed sensor (Q08-300), PL 7.65 Item 14.

   NOTE: *The component control code for the HCF feed sensor is the same as for the HCF door sensor.*

10. Check the wiring between the HCF feed sensor and CN10 on the HCF PWB. If necessary, install a new HCF feed sensor, PL 7.65 Item 14.
11. Enter dC330 code 08-930. Check that the HCF feed motor (MOT08-930), PL 7.50 Item 19, runs and drives the HCF transport roll, PL 7.65 Item 8.
12. Check the wiring between the HCF feed motor and CN4 on the HCF PWB.
13. While the HCF feed motor runs, stack the code 08-830 to energize the HCF pickup clutch (CL08-830). Check that the HCF feed roll, PL 8.10 Item 12 rotates.
14. Check the wiring between the HCF pickup clutch, PL 7.50 Item 16 and CN4 on the HCF PWB.
15. Check that the following components are clean and rotate freely, install new components as necessary:
    - Tray feed roll, PL 8.10 Item 12.
    - Tray nudger roll, PL 8.10 Item 12.
    - Tray retard roll, PL 8.10 Item 12.
    - Tray transport roll, PL 7.65 Item 8.
    - Tray transport roll idlers, part of the tray access door, PL 7.50 Item 5.
16. If necessary, install new components:
    - HCF feed motor assembly, PL 7.50 Item 19.
    - HCF PWB, PL 7.60 Item 7.

07-500 Paper Empty at Bypass Tray RAP

07-500 The machine has detected a failure to feed from the bypass tray.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

NOTE: *The main PWB has test points. The location of the test points is shown on the following PJ location illustrations:*

- *4150 Main PWB.*
- *4250/4260 Main PWB.*

Refer to:

- **(4150)** Wiring Diagram 6.
- **(4250/4260)** Wiring Diagram 25.

Perform the following:

1. Open the side cover assembly, PL 7.30 Item 1. Check that the paper feed area at the bypass tray is clean.
2. Check the operation of the bypass paper empty sensor actuator, PL 8.20 Item 26.
3. Enter dC330 code 07-510. Check the bypass paper empty sensor (Q07-510), PL 8.20 Item 26.
4. **(4150)** Check the wiring between the bypass paper empty sensor and CN21 on the Main PWB. If necessary, install a new bypass paper empty sensor, PL 8.20 Item 26.
5. **(4250/4260)** Check the wiring between the bypass paper empty sensor and CN16 on the Main PWB. If necessary, install a new bypass paper empty sensor, PL 8.20 Item 26.
6. If necessary, install a new paper transport assembly, PL 8.20 Item 1.
7. Perform the OF5 Main PWB Check RAP.

07-530 Jam 0 From the Bypass Tray RAP

The feed sensor failed to actuate within the correct time after paper was fed from the bypass tray.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

NOTE: *The main PWB has test points. The location of the test points is shown on the following PJ location illustrations:*

- *4150 Main PWB.*
- *4250/4260 Main PWB.*

NOTE: *The side cover assembly interlock switch must be closed to supply +24V to the motors and clutches.*

Refer to:

- **(4150)** Wiring Diagram 4, Wiring Diagram 5 and Wiring Diagram 6.
- **(4250/4260)** Wiring Diagram 24 and Wiring Diagram 25.

Refer to Perform the following:

1. Switch off the machine, then switch on the machine.
2. Open the side cover assembly, PL 7.30 Item 1. Remove all jammed paper.
3. Check the paper path for damage or obstructions.
4. Check that the feed sensor actuator, PL 8.15 Item 4 moves freely and is not damaged. If necessary, install a new feed sensor actuator assembly, PL 8.15 Item 13.
5. Enter dC330 code 08-100. Check the feed sensor (Q08-100), PL 8.15 Item 8.
6. **(4150)** Check the wiring between the feed sensor and CN13 on the Main PWB. If necessary, install a new feed sensor, PL 8.15 Item 8.
7. **(4250/4260)** Check the wiring between the feed sensor and CN12 on the Main PWB. If necessary, install a new feed sensor, PL 8.15 Item 8.
8. Enter dC330 code 04-100 to run the main BLDC motor.
9. While the main BLDC motor runs, stack the code 08-800 to energize the bypass feed clutch (CL08-800). Check that the bypass tray feed roll, PL 8.20 Item 17 rotates.
10. **(4150)** Check the wiring between the bypass feed clutch, PL 8.20 Item 28 and CN21 on the Main PWB. Install new components as necessary, PL 8.20.
11. **(4250/4260)** Check the wiring between the bypass feed clutch, PL 8.20 Item 28 and CN16 on the Main PWB. Install new components as necessary, PL 8.20.
12. While the main BLDC motor runs, stack the code 08-850 to energize the registration clutch (CL08-850). Check that the registration roll, PL 4.15 Item 1 rotates.
13. **(4150)** Check the wiring between the registration clutch, PL 4.15 Item 4 and CN13 on the Main PWB. Install new components as necessary, PL 4.15.
14. **(4250/4260)** Check the wiring between the registration clutch, PL 4.15 Item 4 and CN12 on the Main PWB. Install new components as necessary, PL 4.15.

CAUTION

Take note of the spring position before disassembly. The spring clutch must be reassembled correctly to provide the correct tension.

15. Remove the spring clutch, PL 8.20 Item 30. Clean and lubricate the spring clutch as necessary. If necessary, install a new spring clutch.
16. Clean the retard pad, PL 8.20 Item 4. If necessary, install a new retard assembly, PL 8.20 Item 2.
17. Check that the following components are clean and rotate freely, install new components as necessary:
    - Bypass tray feed roll, PL 8.20 Item 17.
    - Registration roll, PL 4.15 Item 1.
    - Registration roll idler, PL 4.15 Item 7.
18. If necessary, install a new paper transport assembly, PL 8.20 Item 1.
19. Perform the OF5 Main PWB Check RAP.

07-600 All Trays Empty Warning RAP

07-600 The machine has detected that all paper trays are empty.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 07-110 Paper Empty at Tray 1 RAP.
- 07-210, 310, 410 Paper Empty at Tray 2, 3, 4 or HCF RAP.
- 07-500 Paper Empty at Bypass Tray RAP.

07-620, 630, 640 Tray 2, 3, 4 or HCF Door Open RAP

07-620 The machine has detected that the tray 2 access door is open is standby.

07-630 The machine has detected that the tray 3 or HCF access door is open in standby.

07-640 The machine has detected that the tray 4 access door is open in standby.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 and 4250/4260 Without an HCF
- 4250/4260 With an HCF

4150 and 4250/4260 Without an HCF

NOTE: *The main PWB has test points. The location of the test points is shown on the following PJ location illustrations:*

- *4150 Main PWB.*
- *4250/4260 Main PWB.*

NOTE: *Trays 2, 3 and 4 are identical. Check the relevant tray module.*

Refer to the following:

- **(4150)** Wiring Diagram 7, Wiring Diagram 12 and Wiring Diagram 13.
- **(4250/4260)** Wiring Diagram 12, Wiring Diagram 13 and Wiring Diagram 26.

Perform the following:

1. Make sure the tray access door, PL 7.20 Item 18 is closed.
2. Open the tray access door, PL 7.20 Item 18. Check for obstructions behind the access door.
3. Check that the SCF door sensor actuator on the paper guide, PL 7.20 Item 13 is not missing or damaged.
4. Enter dC330. Check the relevant door sensor, PL 7.25 Item 14:
   - **Tray 2.** Code 08-200.
   - **Tray 3.** Code 08-300.
   - **Tray 4.** Code 08-400.
5. Check the wiring between the SCF door sensor and CN10 on the Tray PWB. If necessary, install a new SCF door sensor, PL 7.25 Item 14.
6. **(4150)** Check the wiring between CN1 on the Tray PWB and CN24 on the Main PWB.
7. **(4250/4260)** Check the wiring between CN1 on the Tray PWB and CN19 on the Main PWB.
8. If necessary, install a new tray PWB, PL 7.20 Item 6.
9. Perform the OF5 Main PWB Check RAP.

4250/4260 With an HCF

Refer to Wiring Diagram 30 and Wiring Diagram 31. Perform the following:

1. Make sure the tray access door, PL 7.50 Item 5 is closed.
2. Open the tray access door, PL 7.50 Item 5. Check for obstructions behind the access door.
3. Check that the HCF door sensor actuator on the paper guide, PL 7.50 Item 3 is not missing or damaged.
4. Enter dC330 code 08-300. Check the T3 door sensor (Q08-300), PL 7.65 Item 14.
5. Check the wiring between the door sensor and CN10 on the HCF PWB. If necessary, install a new door sensor, PL 7.65 Item 14.
6. Check the wiring between CN1 on the HCF PWB and CN19 on the Main PWB.
7. If necessary, install a new HCF PWB, PL 7.60 Item 7.
8. Perform the OF5 Main PWB Check RAP.

08-100 Jam 1 RAP

08-100 The lead edge of the document failed to actuate the exit sensor within the correct time after registration.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Do not touch the fuser while it is hot.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

NOTE: *The side cover assembly interlock switch must be closed to supply +24V to the motors and clutches.*

Refer to Wiring Diagram 3, Wiring Diagram 4 and Wiring Diagram 5. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Open the side cover assembly, PL 7.30 Item 1. Remove all jammed paper.
3. Check the paper path for damage or obstructions.
4. Remove the fuser, PL 10.10 Item 4. Check that the exit sensor actuator, PL 10.25 Item 12 moves freely and is not damaged. If necessary, install a new fuser, PL 10.25 Item 1.
5. Check the fuser stripper fingers, PL 10.25 Item 3. Install new components as necessary, PL 10.25.
6. Enter dC330 code 08-600. Check the exit sensor (Q08-600), PL 10.15 Item 2.
7. Check the wiring between the exit sensor and CN6 on the Main PWB. If necessary, install a new exit sensor, PL 10.15 Item 2.
8. Check that the registration sensor actuator, PL 8.15 Item 5 moves freely and is not damaged. If necessary, install a new registration sensor actuator assembly, PL 8.15 Item 14.
9. Enter dC330 code 08-500. Check the registration sensor (Q08-500), PL 8.15 Item 8.
10. Check the wiring between the registration sensor and CN13 on the Main PWB. If necessary, install a new registration sensor, PL 8.15 Item 8.
11. Enter dC330 code 10-400. Check that the fuser motor (MOT10-400), PL 10.20 Item 3, runs and drives the fuser rolls.
12. Check the wiring between the fuser motor and CN12 on the Main PWB. Install new components as necessary, PL 10.20 and PL 10.25.
13. Enter dC330 code 04-100 to run the main BLDC motor.
14. While the main BLDC motor runs, stack the code 08-850 to energize the registration clutch (CL08-850). Check that the registration roll, PL 4.15 Item 1 rotates.
15. Check the wiring between the registration clutch, PL 4.15 Item 4 and CN13 on the Main PWB. Install new components as necessary, PL 4.15.
16. Clean the registration roll, PL 4.15 Item 1 and the registration roll idler, PL 4.15 Item 7. Install new components as necessary.
17. If necessary install a new fuser, PL 10.10 Item 4.
18. Perform the OF5 Main PWB Check RAP.

4250/4260 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

NOTE: *The side cover assembly interlock switch must be closed to supply +24V to the motors and clutches.*

Refer to Wiring Diagram 22 and Wiring Diagram 24. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Open the side cover assembly, PL 7.30 Item 1. Remove all jammed paper.
3. Check the paper path for damage or obstructions.
4. Remove the fuser, PL 10.10 Item 4. Check that the exit sensor actuator, PL 10.28 Item 12 moves freely and is not damaged. If necessary, install a new fuser, PL 10.28 Item 1.
5. Check the fuser stripper fingers, PL 10.30 Item 2. Install new components as necessary, PL 10.30.
6. Enter dC330 code 08-600. Check the exit sensor (Q08-600), PL 10.15 Item 2.
7. Check the wiring between the exit sensor and CN8 on the Main PWB. If necessary, install a new exit sensor, PL 10.15 Item 2.
8. Check that the registration sensor actuator, PL 8.15 Item 5 moves freely and is not damaged. If necessary, install a new registration sensor actuator assembly, PL 8.15 Item 14.
9. Enter dC330 code 08-500. Check the registration sensor (Q08-500), PL 8.15 Item 8.
10. Check the wiring between the registration sensor and CN12 on the Main PWB. If necessary, install a new registration sensor, PL 8.15 Item 8.
11. Enter dC330 code 10-400. Check that the fuser motor (MOT10-400), PL 10.20 Item 3, runs and drives the fuser rolls.
12. Check the wiring between the fuser motor and CN13 on the Main PWB. Install new components as necessary, PL 10.20 and PL 10.28.
13. Enter dC330 code 04-100 to run the main BLDC motor.
14. While the main BLDC motor runs, stack the code 08-850 to energize the registration clutch (CL08-850). Check that the registration roll, PL 4.15 Item 1 rotates.
15. Check the wiring between the registration clutch, PL 4.15 Item 4 and CN12 on the Main PWB. Install new components as necessary, PL 4.15.
16. Clean the registration roll, PL 4.15 Item 1 and the registration roll idler, PL 4.15 Item 7. Install new components as necessary.
17. If necessary, install a new fuser, PL 10.28 Item 1.
18. Perform the OF5 Main PWB Check RAP.

08-200, 300, 400 Jam in Tray RAP

08-200 The machine has detected a paper jam in the tray 2 feed area.

08-300 The machine has detected a paper jam in the tray 3 feed area.

08-400 The machine has detected a paper jam in the tray 4 feed area.

Procedure

Go to the 07-231, 331, 431 Check the Tray Feed Area RAP.

08-500 Jam 2 RAP

08-500 The trail edge of the document failed to actuate the exit sensor within the correct time after registration.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Do not touch the fuser while it is hot.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

NOTE: *The side cover assembly interlock switch must be closed to supply +24V to the motors and clutches.*

Refer to Wiring Diagram 3 and Wiring Diagram 5. Perform the following:

1. Open the side cover assembly, PL 7.30 Item 1. Remove all jammed paper.
2. Check the paper path for damage or obstructions.
3. Remove the fuser, PL 10.10 Item 4. Check that the exit sensor actuator, PL 10.25 Item 12 moves freely and is not damaged. If necessary, install a new fuser, PL 10.25 Item 1.
4. Enter dC330 code 08-600. Check the exit sensor (Q08-600), PL 10.15 Item 2.
5. Check the wiring between the exit sensor and CN6 on the Main PWB. If necessary, install a new exit sensor, PL 10.15 Item 2.
6. Enter dC330 code 10-400. Check that the fuser motor (MOT10-400), PL 10.20 Item 3, runs and drives the fuser rolls and transport roll, PL 10.15 Item 22.
7. Check the wiring between the fuser motor and CN12 on the Main PWB. Install new components as necessary, PL 10.15 and PL 10.25.
8. Enter dC330 code 04-200. Check that the exit motor (MOT04-200), PL 10.20 Item 2, runs and drives the upper exit roll, PL 10.15 Item 23.
9. Check the wiring between the exit motor and CN12 on the Main PWB. Install new components as necessary, PL 10.15 and PL 10.20.
10. If the fault occurs in duplex mode, perform the following:
    - Enter dC330 code 08-870. Check that the duplex gate solenoid (SOL08-870), PL 10.15 Item 4 energises and lowers the duplex gate, PL 10.15 Item 15.
    - Check the duplex gate for damage. If necessary, install a new duplex gate, PL 10.15 Item 15.
    - Check the wiring between the duplex gate solenoid and CN6 on the Main PWB. If necessary, install a new duplex gate solenoid, PL 10.15 Item 4.
11. Check that the following components are clean and rotate freely:
    - Upper exit roll, PL 10.15 Item 23.

- Lower exit roll, PL 10.15 Item 14.
- Transport roll, PL 10.15 Item 22.
- Transport roll idlers, PL 10.15 Item 19.

12. Install new components as necessary:
    - Fuser, PL 10.25 Item 1.
    - Exit assembly, PL 10.15 Item 1.
13. Perform the OF5 Main PWB Check RAP.

4250/4260 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

NOTE: *The side cover assembly interlock switch must be closed to supply +24V to the motors and clutches.*

Refer to Wiring Diagram 22 and Wiring Diagram 24. Perform the following:

1. Open the side cover assembly, PL 7.30 Item 1. Remove all jammed paper.
2. Check the paper path for damage or obstructions.
3. Remove the fuser, PL 10.10 Item 4. Check that the exit sensor actuator, PL 10.28 Item 12 moves freely and is not damaged. If necessary, install a new fuser, PL 10.28 Item 1.
4. Enter dC330 code 08-600. Check the exit sensor (Q08-600), PL 10.15 Item 2.
5. Check the wiring between the exit sensor and CN8 on the Main PWB. If necessary, install a new exit sensor, PL 10.15 Item 2.
6. Enter dC330 code 10-400. Check that the fuser motor (MOT10-400), PL 10.20 Item 3, runs and drives the fuser rolls and transport roll, PL 10.15 Item 22.
7. Check the wiring between the fuser motor and CN13 on the Main PWB. Install new components as necessary, PL 10.15 and PL 10.28.
8. Enter dC330 code 04-200. Check that the exit motor (MOT04-200), PL 10.20 Item 2, runs and drives the upper exit roll, PL 10.15 Item 23.
9. Check the wiring between the exit motor and CN13 on the Main PWB. Install new components as necessary, PL 10.15 and PL 10.20.
10. If the fault occurs in duplex mode, perform the following:
    - Enter dC330 code 08-870. Check that the duplex gate solenoid (SOL08-870), PL 10.15 Item 4 energises and lowers the duplex gate, PL 10.15 Item 15.
    - Check the duplex gate for damage. If necessary, install a new duplex gate, PL 10.15 Item 15.
    - Check the wiring between the duplex gate solenoid and CN8 on the Main PWB. If necessary, install a new duplex gate solenoid, PL 10.15 Item 4.
11. Check that the following components are clean and rotate freely:
    - Upper exit roll, PL 10.15 Item 23.
    - Lower exit roll, PL 10.15 Item 14.
    - Transport roll, PL 10.15 Item 22.
    - Transport roll idlers, PL 10.15 Item 19.
12. Install new components as necessary:
    - Fuser, PL 10.28 Item 1.
    - Exit assembly, PL 10.15 Item 1.
13. Perform the OF5 Main PWB Check RAP.

08-600 Duplex Jam 0 RAP

08-600 The lead edge of the document failed to actuate the feed sensor within the correct time.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

NOTE: *The main PWB has test points. The location of the test points is shown on the following PJ location illustrations:*

- *4150 Main PWB.*
- *4250/4260 Main PWB.*

NOTE: *The side cover assembly interlock switch must be closed to supply +24V to the motors and clutches.*

Refer to:

- **(4150)** Wiring Diagram 5 and Wiring Diagram 7.
- **(4250/4260)** Wiring Diagram 24.

Perform the following:

1. Open the right hand cover. Remove all jammed paper.
2. Check the paper path for damage or obstructions.
3. Check that the feed sensor actuator, PL 8.15 Item 4 moves freely and is not damaged. If necessary, install a new feed sensor actuator assembly, PL 8.15 Item 13.
4. Enter dC330 code 08-100. Check the feed sensor (Q08-100), PL 8.15 Item 8.
5. **(4150)** Check the wiring between the feed sensor and CN13 on the Main PWB. If necessary, install a new feed sensor, PL 8.15 Item 8.
6. **(4250/4260)** Check the wiring between the feed sensor and CN12 on the Main PWB. If necessary, install a new feed sensor, PL 8.15 Item 8.
7. Enter dC330 code 04-100 to run the main BLDC motor.
8. While the main BLDC motor runs, stack the code 08-850 to energize the registration clutch (CL08-850). Check that the registration roll, PL 4.15 Item 1 rotates.
9. **(4150)** Check the wiring between the registration clutch, PL 4.15 Item 4 and CN13 on the Main PWB. Install new components as necessary, PL 4.15.
10. **(4250/4260)** Check the wiring between the registration clutch, PL 4.15 Item 4 and CN12 on the Main PWB. Install new components as necessary, PL 4.15.
11. Clean the registration roll, PL 4.15 Item 1 and the registration roll idler, PL 4.15 Item 7. Install new components as necessary.
12. Perform the OF5 Main PWB Check RAP.

08-610 Duplex Jam 1 RAP

08-610 The lead edge of the document failed to actuate the duplex jam 1 sensor within the correct time in reverse mode.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

NOTE: *The main PWB has test points. The location of the test points is shown on the following PJ location illustrations:*

- *4150 Main PWB.*
- *4250/4260 Main PWB.*

NOTE: *The side cover assembly interlock switch must be closed to supply +24V to the motors and clutches.*

Refer to:

- **(4150)** Wiring Diagram 3 and Wiring Diagram 7.
- **(4250/4260)** Wiring Diagram 22, Wiring Diagram 24 and Wiring Diagram 25.

Perform the following:

1. Open the right hand cover. Remove all jammed paper.
2. Unclip the duplex assembly, PL 7.30 Item 20. Check that the paper path is clear and not damaged.
3. Check that the duplex jam 1 sensor actuator, PL 7.30 Item 20 moves freely and is not damaged.
4. Enter dC330 code 08-700. Check the duplex jam 1 sensor (Q08-700), PL 7.30 Item 18.
5. **(4150)** Check the wiring between the duplex jam 1 sensor and CN25 on the Main PWB. If necessary, install a new duplex jam 1 sensor, PL 7.30 Item 18.
6. **(4250/4260)** Check the wiring between the duplex jam 1 sensor and CN17 on the Main PWB. If necessary, install a new duplex jam 1 sensor, PL 7.30 Item 18.
7. Enter dC330 code 04-300, then code 04-310. Check that the duplex motor (MOT04-300), PL 10.20 Item 2, runs in forward and reverse and drives the duplex roll, PL 10.15 Item 22.
8. **(4150)** Check the wiring between the duplex motor and CN12 on the Main PWB. Install new components as necessary, PL 10.15 and PL 10.20.
9. **(4250/4260)** Check the wiring between the duplex motor and CN13 on the Main PWB. Install new components as necessary, PL 10.15 and PL 10.20.
10. Enter dC330 code 08-870. Check that the duplex gate solenoid (SOL08-870), PL 10.15 Item 4 energises and lowers the duplex gate, PL 10.15 Item 15.
11. Check the duplex gate for damage. If necessary, install a new duplex gate, PL 10.15 Item 15.
12. **(4150)** Check the wiring between the duplex gate solenoid and CN6 on the Main PWB. If necessary, install a new duplex gate solenoid, PL 10.15 Item 4.
13. **(4250/4260)** Check the wiring between the duplex gate solenoid and CN8 on the Main PWB. If necessary, install a new duplex gate solenoid, PL 10.15 Item 4.
14. Check that the following components are clean and rotate freely:
    - Duplex roll, PL 10.15 Item 22.
    - Duplex roll idlers, PL 10.15 Item 9.
15. If necessary, install new components:
    - Exit assembly, PL 10.15 Item 1.
    - Side cover assembly, PL 7.30 Item 1.
16. Perform the OF5 Main PWB Check RAP.

08-620 Duplex Jam 2 RAP

08-620 The lead edge of the document failed to actuate the duplex jam 2 sensor within the correct time.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

NOTE: *The main PWB has test points. The location of the test points is shown on the following PJ location illustrations:*

- *4150 Main PWB.*
- *4250/4260 Main PWB.*

NOTE: *The side cover assembly interlock switch must be closed to supply +24V to the motors and clutches.*

Refer to:

- **(4150)** Wiring Diagram 5 and Wiring Diagram 7.
- **(4250/4260)** Wiring Diagram 24 and Wiring Diagram 25.

Perform the following:

1. Open the right hand cover. Remove all jammed paper.
2. Check that the paper path is clear and not damaged.
3. Check that the duplex jam 2 sensor actuator, PL 8.15 Item 10 moves freely and is not damaged.
4. Enter dC330 code 08-710. Check the duplex jam 2 sensor (Q08-710), PL 8.15 Item 8.
5. **(4150)** Check the wiring between the duplex jam 2 sensor and CN13 on the Main PWB. If necessary, install a new duplex jam 2 sensor, PL 8.15 Item 8.
6. **(4250/4260)** Check the wiring between the duplex jam 2 sensor and CN12 on the Main PWB. If necessary, install a new duplex jam 2 sensor, PL 8.15 Item 8.
7. Enter dC330 code 04-100 to run the main BLDC motor.
8. Enter dC330 code 08-860 to energize the duplex feed clutch (CL08-860), PL 7.30 Item 4. Manually rotate the drive gear on the duplex feed clutch. Check that the duplex feed rolls, PL 7.30 Item 10 and PL 7.30 Item 12 are clean and rotate freely. Install new components as necessary.
9. **(4150)** Check the wiring between the duplex feed clutch and CN25 on the Main PWB. Install new components as necessary, PL 7.30.
10. **(4250/4260)** Check the wiring between the duplex feed clutch and CN17 on the Main PWB. Install new components as necessary, PL 7.30.
11. Check that the duplex feed roll idlers, PL 7.35 Item 6 are clean and rotate freely. Install new components as necessary, PL 7.35.
12. If necessary, install a new side cover assembly, PL 7.30 Item 1.
13. Perform the OF5 Main PWB Check RAP.

08-700 Out Bin Full RAP

08-700 The machine has detected that the exit tray is full.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

NOTE: *The main PWB has test points. The location of the test points is shown on the following PJ location illustrations:*

- *4150 Main PWB.*
- *4250/4260 Main PWB.*

Refer to:

- **(4150)** Wiring Diagram 3.
- **(4250/4260)** Wiring Diagram 22 and Wiring Diagram 24.

Perform the following:

1. Remove all documents from the exit tray. Check that the out bin full sensor actuator, PL 10.15 Item 25 moves freely and is not damaged.
2. Enter dC330 code 08-720. Check the out bin full sensor (Q08-720), PL 10.15 Item 2.
3. **(4150)** Check the wiring between the out bin full sensor and CN6 on the Main PWB. If necessary, install a new out bin full sensor, PL 10.15 Item 2.
4. **(4250/4260)** Check the wiring between the out bin full sensor and CN8 on the Main PWB. If necessary, install a new out bin full sensor, PL 10.15 Item 2.
5. Enter dC330 code 04-200. Check that the exit motor (MOT04-200), PL 10.20 Item 2, runs and drives the upper exit roll, PL 10.15 Item 23.
6. **(4150)** Check the wiring between the exit motor and CN12 on the Main PWB. Install new components as necessary, PL 10.15 and PL 10.20.
7. **(4250/4260)** Check the wiring between the exit motor and CN13 on the Main PWB. Install new components as necessary, PL 10.15 and PL 10.20.
8. If necessary, install a new exit assembly, PL 10.15 Item 1.
9. Perform the OF5 Main PWB Check RAP.

09-100 Toner Low RAP

09-100 The machine has detected that the toner cartridge is almost empty.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

1. No immediate action is necessary. Ensure that a replacement toner cartridge, PL 9.10 Item 2 is in stock.

   NOTE: *The toner low message is based on a pixel count, not a signal from a sensor. It cannot be reset by shaking the toner cartridge.*

09-200 Toner Empty RAP

09-200 The machine has detected that the toner cartridge is empty.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

NOTE: *The side cover assembly interlock switch must be closed to supply +24V to the motors and clutches.*

Refer to Wiring Diagram 4 and Wiring Diagram 5. Perform the following:

1. Make sure that the toner cartridge is not empty. If necessary, install a new toner cartridge, PL 9.10 Item 2.
2. Enter dC330 code 09-600 and 09-700. Check that the toner dispense motor (MOT09-600), PL 4.20 Item 3 runs and deactuates the toner sensor (Q09-700).

   NOTE: *It may be necessary to enter the codes several times to ensure that the toner dispense motor deactuates the toner sensor. It may also be necessary to make several copies to prevent over toning the xerographic module.*

3. Remove the toner cartridge, PL 9.10 Item 2 and xerographic module, PL 9.10 Item 1. Enter dC330 code 09-600. Make sure that the toner dispense motor runs and drives the toner dispense idler gear, PL 4.20 Item 7 and coupling, PL 4.20 Item 9. Install new components as necessary, PL 4.20.
4. Check the wiring between the toner dispense motor and CN9 on the Main PWB.
5. Check the wiring between the xerographic module connector, PL 4.15 Item 17 and CN11 on the Main PWB. If necessary, install a new xerographic module connector, PL 4.15 Item 17.
6. If necessary, install a new xerographic module, PL 9.10 Item 1.
7. Perform the OF5 Main PWB Check RAP.

4250/4260 Checkout

NOTE: *The main PWB has 4 test points, GND, +3.3V, +5V and +24V. The location of the test points is shown on the Main PWB PJ location illustration.*

NOTE: *The side cover assembly interlock switch must be closed to supply +24V to the motors and clutches.*

Refer to Wiring Diagram 23. Perform the following:

1. Make sure that the toner cartridge is not empty. If necessary, install a new toner cartridge, PL 9.10 Item 2.

2. Enter dC330 code 09-600 and 09-700. Check that the toner dispense motor (MOT09-600), PL 4.25 Item 3 runs and deactuates the toner sensor (Q09-700).

   NOTE: *It may be necessary to enter the codes several times to ensure that the toner dispense motor deactuates the toner sensor. It may also be necessary to make several copies to prevent over toning the xerographic module.*

3. Remove the toner cartridge, PL 9.10 Item 2 and xerographic module, PL 9.10 Item 1. Enter dC330 code 09-600. Make sure that the toner dispense motor runs and drives the toner dispense idler gear, PL 4.25 Item 7 and coupling, PL 4.25 Item 9. Install new components as necessary, PL 4.25.
4. Check the wiring between the toner dispense motor and CN10 on the Main PWB.
5. Check the wiring between the xerographic module connector, PL 4.15 Item 35 and CN11 on the Main PWB. If necessary, install a new xerographic module connector, PL 4.15 Item 35.
6. If necessary, install a new xerographic module, PL 9.10 Item 1.
7. Perform the OF5 Main PWB Check RAP.

09-210 Toner Sensor RAP

09-210 The machine has detected that the toner sensor is not controlled.

Also use this RAP if the machine displays a Toner Sensor Error Replace Toner Cartridge message.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 5. Perform the following:

1. Check the wiring between the xerographic module connector, PL 4.15 Item 17 and CN11 on the Main PWB. If necessary, install a new xerographic module connector, PL 4.15 Item 17.
2. Install a new xerographic module, PL 9.10 Item 1.

4250/4260 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 23. Perform the following:

1. Check the wiring between the xerographic module connector, PL 4.15 Item 35 and CN11 on the Main PWB. If necessary, install a new xerographic module connector, PL 4.15 Item 35.
2. Install a new xerographic module, PL 9.10 Item 1.

09-220 Toner Expire RAP

09-220 The toner cartridge has reached the end of the design life of 20,000 (4150) or 23,000 (4250/4260) print pages.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

1. Install a new toner cartridge, PL 9.10 Item 2.

   NOTE: *The toner expire message is based on a pixel count, not a signal from a sensor. It cannot be reset by shaking the toner cartridge.*

09-230, 240, 250, 500 Toner Cartridge Communications Error RAP

09-230 The toner cartridge CRUM failed to write to the CRUM PWB.

09-240 The machine failed to communicate with the toner cartridge CRUM.

09-250 The machine detected a toner cartridge read error.

09-500 The toner cartridge is not installed or is not detected by the CRUM PWB.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 5. Perform the following:

1. Check that the toner cartridge, PL 9.10 Item 2 is installed correctly.
2. Remove the toner cartridge. Check the CRUM contact on the toner cartridge.
3. Check the wiring between the CRUM PWB, PL 4.15 Item 15 and CN11 in the Main PWB.
4. Install new components as necessary:
   - Toner cartridge, PL 9.10 Item 2.
   - CRUM PWB, PL 4.15 Item 15.
5. Perform the OF5 Main PWB Check RAP.

4250/4260 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 23. Perform the following:

1. Check that the toner cartridge, PL 9.10 Item 2 is installed correctly.
2. Check the wiring between the toner CRUM socket, PL 4.15 Item 33 and CN11 in the Main PWB.
3. Install new components as necessary:
   - Toner cartridge, PL 9.10 Item 2.
   - Toner CRUM socket, PL 4.15 Item 33.
4. Perform the OF5 Main PWB Check RAP.

09-270, 271 ID Sensor Fault RAP

09-270 The machine has detected that the ID sensor has a fault.

09-271 The machine has detected that the ID sensor is contaminated.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Refer to Wiring Diagram 25. Perform the following:

1. Clean the ID sensor, PL 7.35 Item 31.
2. Check the wiring between the ID sensor and CN17 on the Main PWB.
3. Install new components as necessary:
   - ID sensor, PL 7.35 Item 31.
   - Side cover assembly, PL 7.30 Item 1.
4. Perform the OF5 Main PWB Check RAP.

09-290 Print Quality Information RAP

09-290 The machine has detected a toner supply error, toner sensor error or drum lock error.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

1. This RAP is for information only. If the machine can not resolve the fault, a relevant fault code will be displayed.

09-300 Drum Warning RAP

09-300 The xerographic module is near the end of the design life. The design life is 55,000 (4150) or 80,000 (4250/4260) print pages.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

1. No immediate action is necessary. Ensure that a replacement xerographic module, PL 9.10 Item 1 is in stock.

09-310 Drum Locked RAP

09-310 The machine has detected that the xerographic module has a mechanical fault.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

NOTE: *The side cover assembly interlock switch must be closed to supply +24V to the motors and clutches.*

1. Remove the toner cartridge, PL 9.10 Item 2 then the xerographic module, PL 9.10 Item 1.
2. **(4150)** Enter dC330 code 04-100. Check that the main BLDC motor runs and drives the xerographic module coupling gears, PL 4.20 Item 5 and PL 4.20 Item 15. Install new components as necessary, PL 4.20.
3. **(4250/4260)** Enter dC330 code 04-100. Check that the main BLDC motor runs and drives the xerographic module coupling gear, PL 4.25 Item 15. Install new components as necessary, PL 4.25.
4. **(4250/4260)** Check that the developer drive motor and the xerographic module coupling gear, PL 4.25 Item 5. Install new components as necessary, PL 4.25.

   NOTE: *There is not a component control code for the developer drive motor.*

5. Manually rotate the xerographic drum coupling on the xerographic module. Make sure that the xerographic drum rotates freely.
6. If necessary, install a new xerographic module, PL 9.10 Item 1.

09-320, 330, 340, 600 Drum Cartridge Communications Error RAP

09-320 The xerographic module CRUM failed to write to the CRUM PWB.

09-330 The machine failed to communicate with the xerographic module CRUM.

09-340 The machine detected a xerographic module read error.

09-600 The xerographic module is not installed or is not detected by the CRUM PWB.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 5. Perform the following:

1. Check that the xerographic module, PL 9.10 Item 1 is installed correctly.
2. Remove the xerographic module. Check the CRUM contact on the xerographic module.
3. Check the wiring between the CRUM PWB, PL 4.15 Item 15 and CN11 in the Main PWB.
4. Install new components as necessary:
   - Xerographic module, PL 9.10 Item 1.
   - CRUM PWB, PL 4.15 Item 15.
5. Perform the OF5 Main PWB Check RAP.

4250/4260 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 23. Perform the following:

1. Check that the xerographic module, PL 9.10 Item 1 is installed correctly.
2. Check the wiring between the xerographic module connector, PL 4.15 Item 35 and CN11 in the Main PWB.
3. Install new components as necessary:
   - Xerographic module, PL 9.10 Item 1.
   - Xerographic module connector, PL 4.15 Item 35.
4. Perform the OF5 Main PWB Check RAP.

09-400 Replace Drum RAP

09-400 The xerographic module has reached the end of the design life of 55,000 (4150) or 80,000 (4250/4260) print pages.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 5. Perform the following:

1. Install a new xerographic module, PL 9.10 Item 1.
2. Check the wiring between the xerographic module connector, PL 4.15 Item 17 and CN11 on the Main PWB. If necessary, install a new xerographic module connector, PL 4.15 Item 17.
3. If necessary, install new xerographic module, PL 9.10 Item 1.
4. Perform the OF5 Main PWB Check RAP.

4250/4260 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 23. Perform the following:

1. Install a new xerographic module, PL 9.10 Item 1.
2. Check the wiring between the xerographic module connector, PL 4.15 Item 35 and CN11 on the Main PWB. If necessary, install a new xerographic module connector, PL 4.15 Item 35.
3. If necessary, install new xerographic module, PL 9.10 Item 1.
4. Perform the OF5 Main PWB Check RAP.

09-700 Toner Supplying Error RAP

09-700 The toner cartridge has stopped supplying toner to the xerographic module.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

1. Check that the tape seal has been removed from the xerographic module, PL 9.10 Item 1.
2. Remove the toner cartridge, PL 9.10 Item 2. Check that the locking lever opens and closes the toner shutter.
3. **(4150)** Check the toner coupling, PL 4.20 Item 9. Make sure the coupling moves freely in and out without binding.
4. **(4250/4260)** Check the toner coupling, PL 4.25 Item 9. Make sure the coupling moves freely in and out without binding.
5. Install new components as necessary:
   - Toner cartridge, PL 9.10 Item 2.
   - Xerographic module, PL 9.10 Item 1.

09-800, 810 Invalid Toner Cartridge RAP

09-800 The machine has detected an incompatible toner cartridge.

09-810 The machine has detected a non Xerox toner cartridge.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 5. Perform the following:

1. Ensure that the toner cartridge, PL 9.10 Item 2 is the correct toner cartridge for the machine.
2. Check the wiring between the CRUM PWB, PL 4.15 Item 15 and CN11 on the Main PWB.
3. Install new components as necessary:
   - Toner cartridge, PL 9.10 Item 2.
   - CRUM PWB, PL 4.15 Item 15.
4. Perform the OF5 Main PWB Check RAP.

4250/4260 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 23. Perform the following:

1. Ensure that the toner cartridge, PL 9.10 Item 2 is the correct toner cartridge for the machine.
2. Check the wiring between the toner cartridge CRUM connector, PL 4.15 Item 33 and CN11 on the Main PWB.
3. Install new components as necessary:
   - Toner cartridge, PL 9.10 Item 2.
   - Toner cartridge CRUM connector, PL 4.15 Item 33.
4. Perform the OF5 Main PWB Check RAP.

09-900 Invalid Drum Cartridge RAP

09-900 The machine has detected an incompatible xerographic module.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 5. Perform the following:

1. Ensure that the xerographic module, PL 9.10 Item 1 is the correct Xerox xerographic module for the machine.
2. Check the wiring between the CRUM PWB, PL 4.15 Item 15 and CN11 in the Main PWB.
3. Install new components as necessary:
   - Xerographic module, PL 9.10 Item 1.
   - CRUM PWB, PL 4.15 Item 15.
4. Perform the OF5 Main PWB Check RAP.

4250/4260 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 23. Perform the following:

1. Ensure that the xerographic module, PL 9.10 Item 1 is the correct Xerox xerographic module for the machine.
2. Check the wiring between the xerographic module CRUM PWB and CN11 in the Main PWB.
3. Install new components as necessary:
   - Xerographic module, PL 9.10 Item 1.
   - Xerographic module connector, PL 4.15 Item 35.
4. Perform the OF5 Main PWB Check RAP.

10-100, 200 Open Fuser Error/Low Heat Error RAP

10-100 During normal operation, the temperature of the fuser has dropped below the operating level.

10-200 The fuser has failed to reach the correct operating temperature.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Do not touch the fuser while it is hot.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 1, Wiring Diagram 2 and Wiring Diagram 4. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Enter dC330 code 10-100 to heat the fuser to 180 degrees. Enter codes 10-200 (centre thermistor) and 10-210 (front thermistor) to verify the condition of the thermistors.
3. Enter code 10-300 to check power supply unit 2. If necessary, install a new power supply unit 2, PL 1.10 Item 4.
4. Switch off the machine. Remove the fuser assembly. Check that the thermistors, PL 10.25 Item 9 are clean and in good contact with the fuser heat roller. Check the wiring to the thermistors. Install new components as necessary, PL 10.25.
5. Check for continuity between the two pins on the fuser assembly connector, PL 10.25 Item 8.

   NOTE: *A cold fuser has a resistance of approximately 11.5 ohms (220V/240V) or 2 ohms (110V).*

6. Check that there is continuity through the fuser heater and across the over temperature cut-out.
7. Check the wiring between the fuser connector, PL 4.15 Item 20 and CON3, CON8 and CON9 on Power Supply Unit 2. If necessary, install a new fuser connector, PL 4.15 Item 20.
8. Check the wiring between CON4 on Power Supply Unit 2 and CN7 on the Main PWB.
9. Install new components as necessary:
   - Fuser assembly, PL 10.25 Item 1.
   - HVPS, PL 1.10 Item 2.
10. Perform the OF5 Main PWB Check RAP.

4250/4260 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 17, Wiring Diagram 18 and Wiring Diagram 21. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Enter dC330 code 10-100 to heat the fuser to 180 degrees. Enter codes 10-200 (centre thermistor) and 10-210 (front thermistor) to verify the condition of the thermistors.
3. Enter code 10-300 to check power supply unit 2. If necessary, install a new power supply unit 2, PL 1.15 Item 4.
4. Switch off the machine. Remove the fuser assembly. Check that the thermistors, PL 10.28 Item 9 are clean and in good contact with the fuser heat roller. Check the wiring to the thermistor assembly. Check the wiring to the NC thermistor, PL 10.28 Item 19. Install new components as necessary, PL 10.28.
5. Check for continuity between the three pins on the fuser assembly connector, PL 10.28 Item 8.

   NOTE: *A cold fuser has a resistance of approximately 11.5 ohms (220V/240V) or 2 ohms (110V).*

6. Check that there is continuity through the fuser heat lamps and across the over temperature cut-out. Install new components as necessary, PL 10.28.
7. Check the wiring between the fuser connector, PL 4.15 Item 20 and CN5 on the Main PWB. If necessary, install a new fuser connector, PL 4.15 Item 20.
8. Check the wiring between CON1 on Power Supply Unit 2 and CN7 on the Main PWB.
9. Install new components as necessary:
   - Fuser assembly, PL 10.28 Item 1.
   - Power supply unit 2, PL 1.15 Item 4.
10. Perform the OF5 Main PWB Check RAP.

10-300 Over Heat Error RAP

10-300 The fuser temperature has risen above the normal level. Although the fuser unit can return to a normal operating temperature, the fuser may consequently be damaged.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Do not touch the fuser while it is hot.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

NOTE: *The main PWB has 4 test points, GND, +3.3V, +5V and +24V. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 1, Wiring Diagram 2 and Wiring Diagram 4. Perform the following:

1. Enter codes 10-200 (centre thermistor) and 10-210 (front thermistor). Perform a fuser temperature check to verify the condition of the thermistors.
2. Switch off the machine. Remove the fuser assembly. Examine the fuser assembly for heat damage. Install new components as necessary, PL 10.25 and PL 10.26.
3. Check that the thermistors, PL 10.25 Item 9 are in good contact with the fuser heat roller and are clean. Check the wiring to the thermistors. Install new components as necessary, PL 10.25.
4. Check that there is continuity through the fuser heater and across the over temperature cut-out. If necessary, install a new thermostat assembly, PL 10.25 Item 2.
5. Check the wiring between the fuser connector, PL 4.15 Item 20 and CON3, CON8 and CON9 on Power Supply Unit 2. If necessary, install a new fuser connector.
6. Check the wiring between CON4 on Power Supply Unit 2 and CN7 on the Main PWB.
7. Check that the fuser fan is working. Go to the OF3 Air Systems RAP.
8. Install new components as necessary:
   - Power supply unit 2, PL 1.10 Item 4.
   - HVPS, PL 1.10 Item 2.
9. Perform the OF5 Main PWB Check RAP.

4250/4260 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 17, Wiring Diagram 18 and Wiring Diagram 21. Perform the following:

1. Enter codes 10-200 (centre thermistor) and 10-210 (front thermistor). Perform a fuser temperature check to verify the condition of the thermistors.
2. Switch off the machine. Remove the fuser assembly. Examine the fuser assembly for heat damage. Install new components as necessary, PL 10.28 and PL 10.30.
3. Switch off the machine. Remove the fuser assembly. Check that the thermistors, PL 10.28 Item 9 are clean and in good contact with the fuser heat roller. Check the wiring to the thermistor assembly. Check the wiring to the NC thermistor, PL 10.28 Item 19. Install new components as necessary, PL 10.28.
4. Check that there is continuity through the fuser heat lamps and across the over temperature cut-out. Install new components as necessary, PL 10.28 and PL 10.30.
5. Check the wiring between the fuser connector, PL 4.15 Item 20 and CN5 on the Main PWB. If necessary, install a new fuser connector, PL 4.15 Item 20.
6. Check the wiring between CON1 on Power Supply Unit 2 and CN7 on the Main PWB.
7. Check that the fuser fan is working. Go to the OF3 Air Systems RAP.
8. Install new components as necessary:
   - Power supply unit 2, PL 1.15 Item 4.
   - HVPS, PL 1.15 Item 2.
9. Perform the OF5 Main PWB Check RAP.

10-400 Fuser Unit Error RAP

10-400 The machine has detected a fault with the fuser assembly.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Do not touch the fuser while it is hot.

NOTE: *The main PWB has 4 test points, GND, +3.3V, +5V and +24V. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 1, Wiring Diagram 2 and Wiring Diagram 4. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Enter code 10-300 to check power supply unit 2. If necessary, install a new power supply unit 2, PL 1.10 Item 4.
3. Check the wiring between the fuser connector, PL 4.15 Item 20 and CON3, CON8 and CON9 on Power Supply Unit 2. If necessary, install a new fuser connector.
4. Check the wiring between CON4 on Power Supply Unit 2 and CN7 on the Main PWB.
5. Install new components as necessary:
   - Fuser assembly, PL 10.25 Item 1.
   - Power supply unit 2, PL 1.10 Item 4.
   - HVPS, PL 1.10 Item 2.
6. Perform the OF5 Main PWB Check RAP.

10-500 Fuser Warning RAP

10-500 The fuser is near the end of the design life. The design life is 250,000 print pages.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

1. No immediate action is necessary. Ensure that a replacement fuser assembly, PL 10.28 Item 1 is in stock.

10-600, 610 Envelope Mode Error RAP

10-600 The machine has detected that it has not switched to envelope mode.

10-610 The machine has detected that it has not switched to envelope mode.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Do not touch the fuser while it is hot.

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 25. Perform the following:

1. Open the side cover assembly, PL 7.30 Item 1.
2. Check the fuser nip release mechanism. If necessary, install a new fuser assembly, PL 10.28 Item 1.
3. Check that the envelope sensor actuator on the front cam, PL 7.32 Item 9 is not missing or damaged.
4. Enter dC330 code 07-610. Check the envelope sensor (Q07-610), PL 7.32 Item 1.
5. Check the wiring between the envelope sensor and CN17 on the Main PWB. If necessary, install a new envelope sensor, PL 7.32 Item 1.
6. Enter dC330 code 07-600. Check that the envelope motor (MOT07-600) runs and drives the fuser release mechanism. Install new components as necessary, PL 7.32.
7. Check the wiring between the envelope motor and CN17 on the Main PWB. If necessary, install a new envelope motor, PL 7.32 Item 17.
8. Perform the OF5 Main PWB Check RAP.

10-700, 710 Fuser Fuse Warning RAP

10-700 The machine has detected that fuse F1 did not blow when a new fuser is installed.

10-710 The machine has detected a fault with either fuse F1 or F2 on the fuser.

NOTE: *The fuser has 2 fusible resistors that act as a simple CRUM. Fuse F1 is blown when a new fuser is installed, fuse F2 is blown at fuser end of life.*

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Do not touch the fuser while it is hot.

Refer to Wiring Diagram 21. Perform the following:

1. Enter dC330 codes 10-700 and 10-710. Check the state of fuse F1 and fuse F2.
2. Remove, then replace the fuser assembly, PL 10.28 Item 1.
3. Install a new fuser assembly, PL 10.28 Item 1.

12-100 Finisher Jam 3 RAP

12-100 The finisher entrance sensor failed to actuate within the correct time after the document was fed from the exit sensor.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

NOTE: *The finisher door switch must be closed to supply +24V to the motors.*

Refer to Wiring Diagram 14 and Wiring Diagram 15. Perform the following:

1. Open the finisher front door, PL 12.10 Item 1. Lower the document entry guide PL 12.15 Item 23. Remove all jammed documents. Open the side cover assembly, PL 7.30 Item 1, remove all jammed paper.
2. Check the document entry guide, PL 12.15 Item 23 for damage.
3. Check that the finisher entry sensor actuator, PL 12.15 Item 20 moves freely and is not damaged.
4. Enter dC330 code 12-800. Check the finisher entrance sensor (Q12-800), PL 12.15 Item 15.
5. Check the wiring between the finisher entrance sensor and J7 on the Finisher PWB. If necessary, install a new finisher entrance sensor, PL 12.15 Item 15.
6. Enter dC330 code 12-100. Check that the entrance motor (MOT12-100), PL 12.15 Item 5 runs and drives the finisher entry roll, PL 12.15 Item 2.
7. Check the wiring between the entrance motor and J5 on the Finisher PWB.
8. Check the drive belt, PL 12.15 Item 26. If necessary, install a new drive belt.
9. Check that the finisher entry roll, PL 12.15 Item 2 and the finisher entry roll idlers, PL 12.15 Item 21 are clean and rotate freely.
10. Check that the finisher PWB DIP switch settings are correct. Refer to the 12A Finisher PWB DIP Switch Settings RAP.
11. If necessary, install new components:
    - Entrance motor, PL 12.15 Item 5.
    - Finisher PWB, PL 12.10 Item 8.

12-200 Finisher Jam 4 RAP

12-200 The exit sensor failed to actuate within the correct time after the document was fed from the finisher entrance sensor.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

NOTE: *The finisher door switch must be closed to supply +24V to the motors.*

Refer to Wiring Diagram 14 and Wiring Diagram 15. Perform the following:

1. Open the finisher front door, PL 12.10 Item 1. Lower the document entry guide PL 12.15 Item 23. Remove all jammed documents.
2. Check that the exit sensor actuator, PL 12.20 Item 3 moves freely and is not damaged.

   NOTE: *If necessary, remove the finisher to check the exit sensor actuator. Refer to REP 12.1.*
3. Enter dC330 code 12-805. Check the exit sensor (Q12-805), PL 12.20 Item 7.
4. Check the wiring between the exit sensor and J7 on the Finisher PWB. If necessary, install a new exit sensor, PL 12.20 Item 7.
5. Enter dC330 code 12-100. Check that the entrance motor (MOT12-100), PL 12.15 Item 5 runs and drives the transport roll, PL 12.15 Item 2.
6. Check the wiring between the entrance motor and J5 on the Finisher PWB.
7. Check the drive belt, PL 12.15 Item 26. If necessary, install a new drive belt.
8. Check that the transport roll, PL 12.15 Item 2 and transport roll idlers, PL 12.15 Item 21 are clean and rotate freely.
9. Check that the finisher PWB DIP switch settings are correct. Refer to the 12A Finisher PWB DIP Switch Settings RAP.
10. If necessary, install new components:
    - Document entrance motor, PL 12.15 Item 5.
    - Finisher PWB, PL 12.10 Item 8.

12-300 Finisher Jam 5 RAP

12-300 The trail edge of the document failed to deactuate the exit sensor within the correct time.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

NOTE: *The finisher door switch must be closed to supply +24V to the motors.*

Refer to Wiring Diagram 14 and Wiring Diagram 15. Perform the following:

1. Remove all jammed documents from the finisher.
2. Check that the exit sensor actuator, PL 12.20 Item 3 moves freely and is not damaged.

   NOTE: *If necessary, remove the finisher to check the exit sensor actuator. Refer to REP 12.1.*

3. Enter dC330 code 12-805. Check the exit sensor (Q12-805), PL 12.20 Item 7.
4. Check the wiring between the exit sensor and J7 on the Finisher PWB. If necessary, install a new exit sensor, PL 12.20 Item 7.
5. Enter dC330 code 12-110. Check that the exit motor (MOT12-110), PL 12.20 Item 10 runs and drives the exit roll, PL 12.20 Item 1.
6. Check the wiring between the exit motor and J5 on the Finisher PWB.
7. Check the drive belt, PL 12.20 Item 12. If necessary, install a new drive belt.
8. Check that the exit roll, PL 12.20 Item 1 and exit roll idlers, PL 12.20 Item 6 are clean and rotate freely. If necessary, install a new exit roll, PL 12.20 Item 1.
9. Check that the finisher PWB DIP switch settings are correct. Refer to the 12A Finisher PWB DIP Switch Settings RAP.
10. If necessary, install new components:
    - Exit motor, PL 12.20 Item 10.
    - Finisher PWB, PL 12.10 Item 8.

12-400 Finisher Duplex Jam RAP

12-400 The machine has detected a jam in the duplex path above the finisher.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Refer to Wiring Diagram 15. Perform the following:

1. Open the finisher front door, PL 12.10 Item 1. Lower the document entry guide, PL 12.15 Item 23 and the duplex guide, PL 12.15 Item 24. Remove all jammed documents. Open the side cover assembly, PL 7.30 Item 1, remove all jammed paper.
2. Remove the finisher, REP 12.1. Make 10 duplex copies. If the machine jams, go to the 08-610 Duplex Jam 1 RAP.
3. If the duplex copies are good, perform the following:
   a. Check that the finisher duplex paper sensor actuator, PL 12.15 Item 17 moves freely and is not damaged.
   b. Enter dC330 code 12-880. Check the finisher duplex paper sensor (Q12-880), PL 12.15 Item 15.
   c. Check the wiring between the finisher duplex paper sensor and J7 on the Finisher PWB. If necessary, install a new duplex paper sensor, PL 12.15 Item 15.
   d. Check the duplex guide, PL 12.15 Item 24 for damage.
   e. Check that the finisher PWB DIP switch settings are correct. Refer to the 12A Finisher PWB DIP Switch Settings RAP.
   f. If necessary, install a new finisher PWB, PL 12.10 Item 8.

12-500 Full Stack RAP

12-500 The machine has detected that the finisher output tray is full.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

NOTE: *The main PWB has test points. The location of the test points is shown on the following PJ location illustrations:*

- *4150 Main PWB.*
- *4250/4260 Main PWB.*

Refer to Wiring Diagram 16. Perform the following:

1. Remove all documents from the finisher output tray.
2. Check that the stacker top sensor actuator, PL 12.45 Item 9 moves freely and is not damaged.
3. Enter dC330 code 12-840. Check the stacker top sensor (Q12-840), PL 12.45 Item 8.
4. Check the wiring between the stacker top sensor and J8 on the Finisher PWB. If necessary, install a new stacker top sensor, PL 12.45 Item 8.
5. **(4150)** Refer to Wiring Diagram 8. Check for +24V at pins 14 and 16 on CN27 on the Main PWB. If +24V is not available, perform the following:
   - Check the wiring between pins 13 and 15 on CON71 on Power Supply Unit 1 and pins 14 and 16 on CN27 on the Main PWB.
   - Install a new power supply unit 1, PL 1.10 Item 3.
   - Perform the OF5 Main PWB Check RAP.
6. **(4250/4260)** Refer to Wiring Diagram 17. Check for +24V at pins 13 and 14 on CN18 on the Main PWB. If +24V is not available, perform the following:
   - Check the wiring between pins 13 and 14 on CON71 on Power Supply Unit 1 and pins 13 and 14 on CN18 on the Main PWB.
   - Install a new power supply unit 1, PL 1.15 Item 3.
   - Perform the OF5 Main PWB Check RAP.
7. Check that the finisher PWB DIP switch settings are correct. Refer to the 12A Finisher PWB DIP Switch Settings RAP.
8. If necessary, install a new finisher PWB, PL 12.10 Item 8.

12-600, 610 Staple Cartridge Fault RAP

12-600 The machine has detected that a staple cartridge is not installed.

12-610 The machine has detected that the staple cartridge is empty.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Refer to Wiring Diagram 16. Perform the following:

1. Open the finisher front door. Check that the staple refill, PL 12.35 Item 5 is not empty. Check that the staple refill, PL 12.35 Item 5 and stapler cartridge, PL 12.35 Item 4 are installed correctly.
2. Check the wiring between the stapler assembly, PL 12.35 Item 2 and J9 on the Finisher PWB.
3. If necessary, install new components:
   - Staple refill, PL 12.35 Item 5.
   - Stapler cartridge, PL 12.35 Item 4.
   - Stapler assembly, PL 12.35 Item 2.
   - Finisher PWB, PL 12.10 Item 8.

12-700, 12-800 Paddle Fault RAP

12-700 The machine has detected a fault with the compiler paddle.

12-800 The machine has detected a fault with the compiler paddle.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

NOTE: *The finisher door switch must be closed to supply +24V to the motors.*

Refer to Wiring Diagram 14 and Wiring Diagram 16. Perform the following:

1. Remove all documents from the finisher.
2. Enter dC330 code 12-810. Check the paddle home sensor (Q12-810), PL 12.30 Item 10.
3. Check the wiring between the paddle home sensor and J8 on the Finisher PWB. If necessary, install a new paddle home sensor, PL 12.30 Item 10.
4. Enter dC330 code 12-200. Check that the paddle motor (MOT12-200), PL 12.30 Item 4 runs and drives the compiler exit paddles, PL 12.30 Item 1.
5. Check the wiring between the paddle motor and J5 on the Finisher PWB.
6. Check that the finisher PWB DIP switch settings are correct. Refer to the 12A Finisher PWB DIP Switch Settings RAP.
7. If necessary, install new components:
   - Paddle motor, PL 12.30 Item 4.
   - Finisher PWB, PL 12.10 Item 8.

12-710, 810 Front Jogger Fault RAP

12-710 The machine has detected a fault with the front jogger.

12-810 The machine has detected a fault with the front jogger.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

NOTE: *The finisher door switch must be closed to supply +24V to the motors.*

Refer to Wiring Diagram 15 and Wiring Diagram 16. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Remove all documents from the finisher.
3. Check for damage or obstructions that would prevent the front jogger, PL 12.30 Item 27 from operating correctly.
4. Enter dC330 code 12-815. Check the front jogger home sensor (Q12-815), PL 12.30 Item 10.
5. Check the wiring between the front jogger home sensor and J8 on the Finisher PWB. If necessary install a new front jogger home sensor, PL 12.30 Item 10.
6. Enter dC330 codes 12-310 and 12-300. Check that the front jogger motor (MOT12-300) runs and drives the front jogger arm, PL 12.30 Item 24 between the home and the inboard positions.
7. Check the wiring between the front jogger motor and J6 on the Finisher PWB.
8. Check the front jogger belt, PL 12.30 Item 23. If necessary, install a new front jogger belt.
9. Check that the finisher PWB DIP switch settings are correct. Refer to the 12A Finisher PWB DIP Switch Settings RAP.
10. If necessary, install new components as necessary:
    - Front jogger assembly, PL 12.30 Item 27.
    - Finisher PWB, PL 12.10 Item 8.

12-720, 820 Rear Jogger Fault RAP

12-720 The machine has detected a fault with the rear jogger.

12-820 The machine has detected a fault with the rear jogger.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

NOTE: *The finisher door switch must be closed to supply +24V to the motors.*

Refer to Wiring Diagram 14 and Wiring Diagram 15. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Remove all documents from the finisher.
3. Check for damage or obstructions that would prevent the rear jogger, PL 12.30 Item 28 from operating correctly.
4. Enter dC330 code 12-820. Check the rear jogger home sensor (Q12-820), PL 12.30 Item 10.
5. Check the wiring between the rear jogger home sensor and J7 on the Finisher PWB. If necessary, install a new rear jogger home sensor, PL 12.30 Item 10.
6. Enter dC330 codes 12-330 and 12-320. Check that the rear jogger motor (MOT12-320) runs and drives the rear jogger arm, PL 12.30 Item 8 between the home and the inboard positions.
7. Check the wiring between the rear jogger motor and J5 on the Finisher PWB.
8. Check the rear jogger belt, PL 12.30 Item 23. If necessary, install a new rear jogger belt.
9. Check that the finisher PWB DIP switch settings are correct. Refer to the 12A Finisher PWB DIP Switch Settings RAP.
10. If necessary, install new components as necessary:
    - Rear jogger assembly, PL 12.30 Item 28.
    - Finisher PWB, PL 12.10 Item 8.

12-730, 830 Support Finger Fault RAP

12-730 The machine has detected a fault with the support fingers.

12-830 The machine has detected a fault with the support fingers.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

NOTE: *The finisher door switch must be closed to supply +24V to the motors.*

Refer to Wiring Diagram 15 and Wiring Diagram 16. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Remove all documents from the finisher.
3. Check for damage or obstructions that would prevent the support fingers, PL 12.25 Item 9 from extending.
4. Check that the support finger home sensor actuator on the front support finger is not missing or damaged.
5. Enter dC330 code 12-825. Check the support finger home sensor (Q12-825), PL 12.40 Item 2.
6. Check the wiring between the support finger home sensor and J8 on the Finisher PWB. If necessary, install a new support finger home sensor, PL 12.40 Item 2.
7. Enter dC330 codes 12-410 and 12-400. Check that the support finger motor (MOT12-400), PL 12.25 Item 2 runs and drives the support fingers.
8. Check the wiring between the support finger motor and J6 on the Finisher PWB.
9. Check that the finisher PWB DIP switch settings are correct. Refer to the 12A Finisher PWB DIP Switch Settings RAP.
10. If necessary, install new components:
    - Support finger motor, PL 12.25 Item 2.
    - Front support finger assembly, PL 12.25 Item 21.
    - Rear support finger assembly, PL 12.25 Item 22.
    - Finisher PWB, PL 12.10 Item 8.

12-740, 840 Ejector Fault RAP

12-740 The machine has detected a fault with the ejector.

12-840 The machine has detected a fault with the ejector.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

NOTE: *The finisher door switch must be closed to supply +24V to the motors.*

Refer to Wiring Diagram 15 and Wiring Diagram 16. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Remove all documents from the finisher.
3. Check for damage or obstructions that would prevent the ejector, PL 12.40 Item 16 from operating correctly.
4. Enter dC330 code 12-835. Check the ejector encoder sensor (Q12-835), PL 12.25 Item 3.
5. Check the wiring between the ejector encoder sensor and J13 on the Finisher PWB. If necessary, install a new ejector encoder sensor, PL 12.25 Item 3.
6. Enter dC330 code 12-830. Check the ejector home sensor (12-830), PL 12.20 Item 7.
7. Check the wiring between the ejector home sensor and J7 on the Finisher PWB. If necessary, install a new ejector home sensor, PL 12.20 Item 7.
8. Enter dC330 code 12-500. Check that the ejector motor (MOT12-500), PL 12.40 Item 1 runs and drives the ejector belt, PL 12.40 Item 7.
9. Check the wiring between the ejector motor and J6 on the Finisher PWB.
10. Check that the finisher PWB DIP switch settings are correct. Refer to the 12A Finisher PWB DIP Switch Settings RAP.
11. If necessary, install new components:
    - Ejector motor, PL 12.40 Item 1.
    - Ejector assembly, PL 12.40 Item 16.
    - Finisher PWB, PL 12.10 Item 8.

12-750, 850 Stapler Fault RAP

12-750 The machine has detected a fault with the stapler.

12-850 The machine has detected a fault with the stapler.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

NOTE: *The finisher door switch must be closed to supply +24V to the motors.*

Refer to Wiring Diagram 15 and Wiring Diagram 16. Perform the following:

1. Switch off the machine, then switch on the machine.
2. Check the following:
    - The staple refill, PL 12.35 Item 5 has staples in it and is correctly installed.
    - The leading staples in the staple head have been primed, Figure 1.
    - Check that the sheets of staples in the cartridge are feeding one at a time. If staple sheets overlap, they will jam in the cartridge. If necessary, install a new stapler cartridge, PL 12.35 Item 4.

    NOTE: *The term "primed" refers to 2 staples at the front of the cartridge, that have been pre-formed automatically by the action of the stapler, refer to Figure 1.*

    NOTE: *The stapler sensors are all integral to the stapler assembly. They cannot be replaced.*
3. Remove the stapler cartridge, PL 12.35 Item 4. Enter dC330 code 12-700. Check that the stapler cycles once.
4. Check the wiring between the stapler motor (MOT12-700) and J10 on the Finisher PWB.
5. Enter dC330 code 12-865. Check the paper detector sensor (Q12-865), PL 12.20 Item 25.
6. Check the wiring between the paper detector sensor and J11 on the Finisher PWB. If necessary, install a new paper detector sensor, PL 12.20 Item 25.

    NOTE: *If the stapler does not detect staples in the primed position, the staple head cycles a number of times to prime the staple head. This occurs when the finisher interlock is made.*
7. Perform the following:
    a. Remove the stapler cartridge. Remove the staple refill from the cartridge. Slide out the bottom sheet of staples from the refill, to expose a fresh sheet of staples on the bottom of the stack. Install the staple refill into the cartridge. Ensure the forming plate is fully closed, Figure 1.
    b. Install the staple cartridge and close the door. The stapler will now cycle a few times to feed and prime the new sheet of staples.
    c. Open the door and remove the staple cartridge.

d. Examine the sheet of staples that have been fed to the staple forming part of the stapler, by opening the forming plate, Figure 2. Check that the first two staples have been partially formed.

e. If the staples have been partially formed, install a new stapler assembly, PL 12.35 Item 2.

f. If the staples have not been partially formed, install a new stapler cartridge, PL 12.35 Item 4. Repeat the check. If the first two staples are not partially formed, install a new stapler assembly, PL 12.35 Item 2.

8. If necessary, install a new finisher PWB, PL 12.10 Item 8.

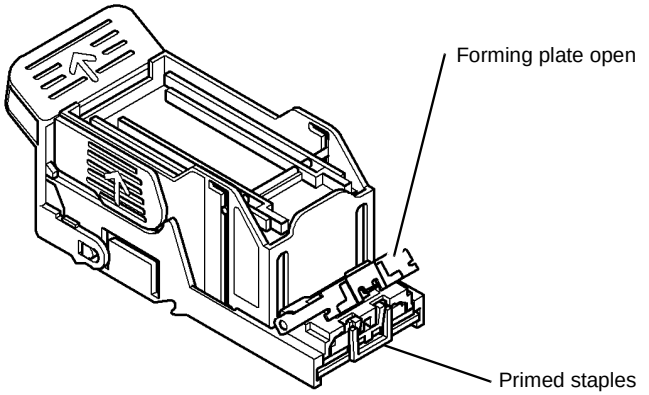


Figure 1 Staple cartridge open

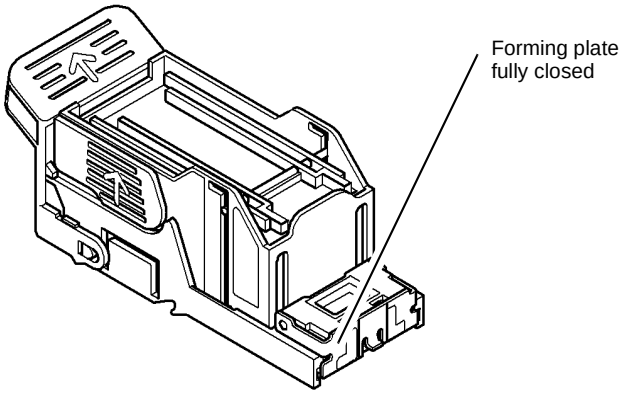


Figure 2 Staple cartridge closed

12-760, 860 Stacker Fault RAP

12-760 The machine has detected a fault with the stacker.

12-860 The machine has detected a fault with the stacker.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

NOTE: *The finisher door switch must be closed to supply +24V to the motors.*

Refer to Wiring Diagram 16. Perform the following:

1. Remove all documents from the finisher.
2. Check for damage or obstructions that would prevent the stacker tray, PL 12.45 Item 1 from moving.
3. Enter dC330 code 12-845. Check the stacker bottom switch (S12-845), PL 12.45 Item 7.
4. Check the wiring between the stacker bottom switch and J14 on the Finisher PWB. If necessary, install a new stacker bottom switch, PL 12.45 Item 7.
5. Enter dC330 codes 12-600 and 12-610. Check that the stacker tray motor (MOT12-600), PL 12.45 Item 20 runs and drives the stacker tray down, then up.
6. Check the wiring between the stacker tray motor and J14 on the Finisher PWB.
7. If paper is overflowing the tray when it is at the lower limit, check the stack height sensor. Go the 12-500 Full Stack RAP.
8. Check that the finisher PWB DIP switch settings are correct. Refer to the 12A Finisher PWB DIP Switch Settings RAP.
9. If necessary, install new components:
   - Stacker tray motor, PL 12.45 Item 20.
   - Finisher PWB, PL 12.10 Item 8.

12A Finisher PWB DIP Switch Settings RAP

To show the correct settings for the DIP switches on the finisher PWB.

Problems that can result from incorrect DIP switch settings are:

- False jam clearance instructions for the finisher.
- Communication errors between the finisher and the machine.
- Erratic behavior of the finisher.

Procedure

Perform the following:

1. Remove the finisher PWB access cover, PL 12.45 Item 30.
2. Check that the DIP switch settings are in the OFF position. Refer to Figure 1.
3. If necessary, switch off the machine. Correct the DIP switch settings, then switch on the machine.

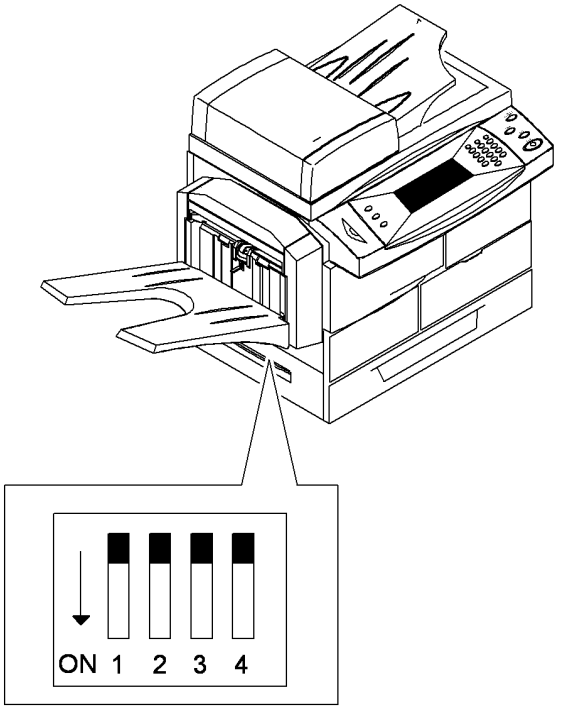


Figure 1 DIP switch settings

14-100 CCD Lock RAP

14-100 The machine has detected a mechanical fault with the CCD module.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

Refer to Wiring Diagram 9. Perform the following:

1. If necessary, remove the finisher, REP 12.1. Check that the scanner lock, PL 14.10 Item 20 is completely unlocked.
2. Remove the scanner top cover assembly, refer to REP 14.2.
3. Check that the scanner drive belt is tensioned correctly, perform the following:
   a. Loosen the screw that secures the pulley seat, PL 14.10 Item 10.
   b. Allow the pulley spring to tension the scanner drive belt.
   c. Tighten the screw that secures the pulley seat, PL 14.10 Item 10.
4. Check that the CCD module, PL 14.10 Item 2 moves freely from left to right.
5. Check the wiring between the scan motor, PL 14.10 Item 4 and CN2 on the Scanner PWB.
6. If necessary, install new components:
   - Scan motor assembly, PL 14.10 Item 4.
   - Scanner PWB, PL 14.10 Item 15.
   - CCD module, PL 14.10 Item 2.
   - Scanner assembly, PL 14.10 Item 1.

4250/4260 Checkout

Refer to Wiring Diagram 28. Perform the following:

1. Check that the scanner lock is completely unlocked.
2. Remove the scanner top cover assembly, refer to PL 14.13 Item 28.
3. Check the CCD module home sensor, PL 14.13 Item 14.

   NOTE: *There is not a component control code for the CCD module home sensor.*

4. Check the wiring between the CCD module home sensor and CN3 on the Scanner PWB. If necessary, install a new CCD module home sensor, PL 14.13 Item 14.
5. Enter dC330 codes 14-130 and 14-140. Check that the scan motor runs and drives the CCD module right and left.
6. Check the wiring between the scan motor, PL 14.13 Item 4 and CN1 on the Scanner PWB.
7. Check that the scanner drive belt is tensioned correctly, perform the following:
   a. Loosen the screw that secures the pulley seat, PL 14.13 Item 25.
   b. Allow the pulley spring to tension the scanner drive belt.
   c. Tighten the screw that secures the pulley seat, PL 14.13 Item 25.
8. Manually rotate the CCD module drive gear. Check that the CCD module, PL 14.13 Item 2 moves freely from left to right.
9. If necessary, install new components:
   - Scan motor assembly, PL 14.13 Item 4.
   - Scanner PWB, PL 14.13 Item 15.
   - CCD module, PL 14.13 Item 2.
   - Scanner assembly, PL 14.13 Item 1.

15-100 to 15-830 Scan to E-mail Faults RAP

These are the faults displayed when the machine encounters scan to e-mail problems. The faults are listed in code order, together with any recommended action. Please note that service actions are limited.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant fault code and perform any service actions. If the fault is still present, perform Final Actions.

15-100 Group Name has no Assigned Email Addresses

No email address is assigned to the group name. Remove the group name from the 'To:' field or enter a valid email address.

15-110 Email Send Failed

Email SMTP server returned an error during transmission. The SMTP server authentication may be supported but not enabled on the device or any 500 code is returned from the mail server. Resend the email.

15-120 Invalid Recipient Email Address

The email address has either been restricted or is in the wrong format. Re-enter the email address.

15-130 Mail Too Large

The machine is unable to split the mail and send it. This can occur when the machine is configured to send a maximum mail size. For example 1.0MB and the scanned mail page exceeds this size. Increase the mail size via CentreWare Internet Services. If the fault persists, increase the mail size allocation on the mail server.

15-140 Invalid Email Address

The user has attempted to enter an invalid email ID. Examples are:

- Spaces in the ID
- Invalid starting character such as '.', '+', '_', '@'
- More than one '@'

15-150 Group Not Available

The user has attempted to enter an invalid group number. Confirm that the group is available and has mail addresses associated with it.

15-160 Memory Full

The HDD is full during scan to email.

15-170 Memory Full

The machine does not have enough memory to prepare the next job.

15-200 Network Controller Error

A NIC error (SMTP). One of the following Simple Mail Transfer Protocol errors may have occurred:

- SMTP_ENCODER_FAILURE. Error returned by NIC during SMTP encoding activity.
- SMTP_MEMORY_FAILURE. Error returned by NIC for memory failure during SMTP operation.
- SMTP_MISC_ERROR. Miscellaneous error returned by NIC during SMTP operation.

Switch off the machine, then switch on the machine. Resend the email.

15-300 Network Connection Failure

Any communication or network failure during SMTP or LDAP operations. Check the network connection. Switch off the machine, then switch on the machine.

15-310 Authentication Failure

The user has attempted to enter an invalid user name or corresponding password. Enter a valid user name and password.

15-320 Mail Server Connection Failure

The machine can not contact the SMTP server. Check the SMTP IP address or host name. Check that the SMTP port is open and working correctly.

15-330 DNS Connection Failure

The machine cannot contact the Domain Name System to resolve the SMTP host name. Check that the DNS server is online.

15-340 Mail Exceed Server Support

The maximum configured mail size exceeds the server limit. Reduce the mail size option.

15-400 LDAP Communication Failure

The machine can not contact the LDAP server. Check the LDAP IP address or host name. Check that the LDAP port is correct and open.

15-410 LDAP Search Failed

The LDAP server has returned an error during transmission. The LDAP server authentication may be supported but not enabled on the device or the maximum search results have been exceeded. Resend the email.

15-420 LDAP Search Timeout Exceeded

The LDAP search timeout has been exceeded. Resend the email.

15-430 No Matching Entries in LDAP Directory

The LDAP server cannot match the entry by user. Check the spelling of the LDAP entry, then resend the email.

15-500 Session Timeout

The user has not touched a key within in the designated time frame. Resend the email.

15-510 Scan Error

The machine has detected an error with the scanner. Check the scanner, refer to the 14-100 CCD Lock RAP.

15-520 Stop Pressed from MFP

The user has cancelled the email job.

15-600 Authentication Required

The mail server requires user authentication to be enabled. Enable user authentication. Refer to the System Administration Guide.

15-700 DNS Error

The machine can not contact the DNS server or a DNS resolution failure has been detected. Check the DNS server setup or enter a valid email address.

15-800 Pop3 Error

The machine has detected a POP3 protocol error or an error during a POP3 session. Enter a valid email address.

15-810 Pop3 Connection Failure

The machine could not connect to the configured POP3 server. Check the POP3 server setup.

15-820 Pop3 Authentication Failure

The machine could not login into the POP3 server. Re-enter the user name and password.

15-830 Pop3 Authentication Required

The POP3 server requires authentication to be enabled. Enable authentication. Refer to the System Administration Guide.

Final Actions

Perform the following:

1. **(4250/4260)** Format the hard disk, refer to GP 20 Format Hard Disk (4250/4260).
2. Install new components as necessary:
   - NIC PWB (4150), PL 1.10 Item 13.
   - HDD (4150), PL 1.10 Item 11.
   - HDD (4250/4260), PL 1.15 Item 11.
3. Perform the OF5 Main PWB Check RAP.

15A Scan to E-mail Failure RAP

Use this RAP if scan to email fails without a fault code.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Perform the following:

1. Make sure that the host name does not contain spaces:
   a. Print the configuration report, refer to GP 3 Machine Status.
   b. Check the report under Network Setup, TCP/IP Settings. Check the Host Name.
   c. If the host name contains spaces, inform the customer that the host name must be changed to remove the spaces.
2. Perform a memory clear, refer to GP 19 Memory Clear.
3. **(4250/4260)** Format the hard disk, refer to GP 20 Format Hard Disk (4250/4260).
4. Reinstall the machine firmware, refer to GP 6 Firmware Upgrade.
5. Install a new components as necessary:
   - HDD (4150) PL 1.10 Item 11.
   - HDD PWB, PL 1.10 Item 17.
   - HDD (4250/4260) PL 1.15 Item 11.

16-100 Immediate Image Overwrite RAP

16-100 The machine has detected that the immediate image overwrite failed on the hard disk.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

1. Perform an on demand image overwrite, refer to GP 4 System Administration Tools.

17-100 to 610 Network Controller Faults RAP

These are the faults displayed when the machine encounters network controller problems. The faults are listed in code order, together with any recommended actions. Please note that the service actions are limited.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Refer to:

- **(4150)** Wiring Diagram 6.
- **(4250/4260)** Wiring Diagram 27.

Go to the relevant fault code and perform any service actions.

NOTE: *The network connection has two LEDs The green LED on indicates that the network connection is ready. The amber LED flashing indicates that the network is good.*

17-100 IP Address is Conflicted

The IP address of the machine is being used by another device. Go to GP 4 System Administration Tools. Check with the customer that the connectivity and network setup settings are correct.

17-110 Connection Error

The machine encountered an error when establishing a connection to the designated server. Check with the customer that the connectivity and network setup settings are correct. Refer to GP 4 System Administration Tools.

17-120 Server Not Found

The machine can not find the designated server. Check with the customer that the connectivity and network setup settings are correct. Refer to GP 4 System Administration Tools.

17-130 Login Error

The machine can not login to the designated server. Check with the customer that the connectivity and network setup settings are correct. Refer to GP 4 System Administration Tools.

17-140 Access Denied

A permissions error occurred. Check with the customer that the connectivity and network setup settings are correct. Refer to GP 4 System Administration Tools.

17-150 Lock Exists

The *.lck directory already exists.

17-200 Network Cable is Disconnected

The network cable is not connected.

Perform the following:

- **(4150)** Go to the 03-910 MCB to NIC Communications Fault RAP.
- **(4250/4260)** Perform the following:
  1. Switch off the machine, then switch on the machine.
  2. Make sure that the network cable is connected to the machine.
  3. Go to GP 4 System Administration Tools. Check with the customer that the connectivity and network setup settings are correct.
  4. Perform the OF5 Main PWB Check RAP.

17-300 Network Card is not Installed

The network card is not installed. Go to the 03-910 MCB to NIC Communications Fault RAP.

17-400 User Cancelled

The user cancelled the network scan job.

17-500 Document Jam Occurred

A document jam occurred during the scan operation.

17-510 Operation Error

An error occurred when sending the image file.

17-600 Filename is Too Long

The name of the file to be sent is longer than the destination systems limits. Shorten the file name.

17-610 Scan File Exists

The file name already exists on the destination server. Change the file name.

17-562, 563 ESolutions Communication Error RAP

17-562 The auto-registration process failed to communicate.

17-563 The machine failed to communicate with the Xerox edge server.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Perform the following:

1. Ensure that the SMart eSolutions settings are correct.
2. Check the network cable and connection.
3. Check that the machine IP address is correct.
4. **(17-563 Only).** Check that the SMart eSolution edge host is connected and operational.

17-700 to 810 Server Error RAP

17-700 A BOOTP server error has occurred but the automatic assigning of an IP address is working.

17-710 A BOOTP server error has occurred and the automatic assigning of an IP address is not working.

17-780 A DHCP server error has occurred but the automatic assigning of an IP address is working.

17-810 A DHCP server error has occurred and the automatic assigning of an IP address is not working.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Refer to:

- **(4150)** Wiring Diagram 6.
- **(4250/4260)** Wiring Diagram 27.

Perform the following:

1. Go to GP 4 System Administration Tools. Select Connectivity and Network Setup. Scroll to TCP / IP Settings. Disable dynamic addressing.
2. Switch off, then switch on the machine. Re-enable dynamic addressing.
3. If the fault persists, again disable dynamic addressing. Assign a new static IP address.

17-900 802.1X Authentication Error RAP

17-900 The 802.1X authentication failed.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Perform the following:

1. Ensure that the 802.1X EAP type, user name and password for the machine authentication switch and authentication server match.

17-910 Firmware Upgrade Error RAP

17-910 An attempt was made to load an invalid firmware upgrade file.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Perform the following:

1. Load the correct firmware upgrade file, refer to GP 6 Firmware Upgrade.

20-100 to 20-900 Fax Faults RAP

These are the faults displayed when the machine encounters fax problems. The faults are listed in code order, together with any recommended actions. Please note that the service actions are limited. If the machine has a fax fault without displaying a fault code, go to the 20A Fax Faults Without a Code RAP.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

If necessary, print the embedded fax protocol report, refer to dC109.

Refer to:

- **(4150)** Wiring Diagram 5 and Wiring Diagram 8.
- **(4250/4260)** Wiring Diagram 17 and Wiring Diagram 27.

Go to the relevant fault code and perform any service actions. If the fault is still present, perform the Final Actions.

20-100 Communication Error

A communication failure has occurred with either the fax transmission or reception. Resend the fax.

20-110 Mailbox Error

The machine is not available for mailbox communication. Go to GP 4 System Administration Tools. Check that the mailbox ID and password are correct.

20-120 Scanning Error

While sending a fax using manual dial, a scanning error has occurred. Clear any jams. Switch off the machine, then switch on the machine. Resend the fax. If the fault persists, check the scanner, refer to the 14-100 CCD Lock RAP.

20-200 Group Not Available

The user has selected a group location where only a single location can be used, or when the group location is unavailable. Try again, checking for the correct group location.

20-300 Incompatible

The remote party does not have the feature the user has requested, for example, polling. Change the settings, then resend the fax.

20-400 Line Busy

The remote party did not answer. Wait, then resend the fax.

20-410 Line Error

There is a problem with the phone line, affecting transmission or reception. Try again and if necessary, wait for the line to clear.

20-500 Memory Full

The fax data memory is full. Delete any unnecessary documents awaiting transmission, or wait until more memory becomes available, or split the current Fax in to smaller units.

20-550 Low Memory

The available fax memory is getting low.

20-600 No Answer

It has not been possible to connect to the remote fax, even after re-dial attempts. Check that the remote fax is on line and try again.

20-700 Number Not Assigned

No number has been assigned for the speed dial location selected. Assign a number to this location or dial the number manually.

20-800 Power Failure

(4150) During a power-off period, the machine has lost its user memory. Check that the backup battery, PL 1.10 Item 5 is holding its charge of about +3V. If necessary, install a new battery, PL 1.10 Item 5.

(4250/4260) During a power-off period, the machine has lost its user memory.

20-900 Retry Redial

This indicates that the machine is waiting to re-dial. Press **Start** to re-dial immediately, or press **Stop** to cancel the re-dial procedure.

Final Actions

Perform the following:

1. Install new components as necessary:
   - Fax PWB module (4150), PL 1.10 Item 14.
   - Fax PWB module (4250/4260), PL 1.15 Item 14.
2. Perform the OF5 Main PWB Check RAP.

20A Fax Faults Without a Code RAP

Use this RAP when the machine has a fax fault but does not display a code. If a fax fault code is displayed, go to the 20-100 to 20-900 Fax Faults RAP.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

If necessary, print the embedded fax protocol report, refer to dC109.

Refer to:

- **(4150)** Wiring Diagram 5.
- **(4250/4260)** Wiring Diagram 27.

Perform the following:

1. **(4150)** Ensure the telephone line cable is properly connected into the line connector on the Fax PWB module, PL 1.10 Item 14.
2. **(4250/4260)** Ensure the telephone line cable is properly connected into the line connector on the Fax PWB module, PL 1.15 Item 14.
3. Ensure the correct dialing mode is selected. Refer to GP 4 System Administration Tools.
4. Use a known good telephone handset or a line test tool to check the telephone line.
5. If sent faxes are blank or light, make sure that the scanner lock is completely unlocked.
6. **(4150)** If faxes are locked in the queue and the job status is pending, perform the following:
   a. Disconnect the battery, PL 1.10 Item 5 from CN29 on the Main PWB.
   b. Set a multimeter to VDC.
   c. Use the multimeter to discharge the voltage across the pins at CN29.

      NOTE: *It will take approximately 1 minute to discharge the voltage.*

   d. Reconnect the battery.
7. Install new components as necessary:
   - Fax PWB module (4150), PL 1.10 Item 14.
   - Fax PWB module (4250/4260), PL 1.15 Item 14.
8. Perform the OF5 Main PWB Check RAP.

OF1 Unusual Noise RAP

Use this RAP to isolate and identify the source of unusual noises.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Perform the following:

1. Ask the customer if there are any specific machine functions that are noisy.
2. Identify the source of the noise by exercising the machine in all modes.
3. Use diagnostics to run individual components.
4. Go to the relevant subsection:
   - Main Drives and Paper Transport
   - LSU
   - (4150) DADF
   - (4250/4260) DADF
   - Trays 2, 3, 4 and HCF
   - Finisher
5. Refer to Possible Causes and Potential Solutions.

Main Drives and Paper Transport

- **(4150)** Enter dC330 code 04-100 to run the main BLDC motor.
  The following components will be run:
  – Xerographic module, PL 9.10 Item 1.
  – Toner cartridge, PL 9.10 Item 2.
- **(4250/4260)** Enter dC330 code 04-100 to run the main BLDC motor. The xerographic module, PL 9.10 Item 1 will be run.
- While the main BLDC motor runs, stack the code 08-810 to energize the tray 1 pickup clutch and run the tray 1 feed rolls, PL 7.15 Item 20 and PL 8.10 Item 12.
- While the main BLDC motor runs, stack the code 08-850 to energize the registration clutch and run the registration roll, PL 4.15 Item 1.
- While the main BLDC motor runs, stack the code 08-800 to energize the bypass feed clutch and run the bypass tray feed rolls, PL 8.20 Item 17 and PL 8.20 Item 23.
- While the main BLDC motor runs, stack the code 08-860 to energize the duplex feed clutch and run the duplex feed rolls, PL 7.30 Item 10 and PL 7.30 Item 12.
- **(4150)** Enter dC330 code 09-600 to run the toner dispense motor, PL 4.20 Item 3.
- **(4250/4260)** Enter dC330 code 09-600 to run the toner dispense motor, PL 4.25 Item 3.
- Enter dC330 code 04-300 or 04-310 to run the duplex motor in forward or reverse. The duplex roll, PL 10.15 Item 9 will rotate.
- Enter dC330 code 10-400 to run the fuser motor. The fuser rolls will rotate.
- Enter dC330 code 04-200 to run the exit motor. The upper exit roll, PL 10.15 Item 23 will rotate.
- Enter dC330 code 04-400 to run the duplex fans, PL 7.35 Item 16 and PL 7.35 Item 17.
- Enter dC330 code 10-500 to run the fuser fan, PL 4.15 Item 18.
- Enter dC330 code 09-500 to run the SMPS fan, PL 4.15 Item 18.
- Enter dC330 code 06-300 to run the LSU fan, PL 6.10 Item 3.

LSU

- Enter dC330 code 06-100 to run the LSU motor.

(4150) DADF

- Enter dC330 code 05-200 to run the DADF scan motor, PL 5.25 Item 12.
  The following components will be run:
  – Scan roll, PL 5.25 Item 23.
  – Gate roll, PL 5.25 Item 15.
  – Duplex roll, PL 5.25 Item 22.
- While the DADF scan motor runs, stack the code 05-300 to energize the pickup clutch and run the DADF feed rolls, PL 5.15 Item 5.
- While the DADF scan motor runs, stack the code 05-310 to energize the registration clutch and run the registration roll, PL 5.15 Item 21.
- Enter dC330 code 05-210 to run the DADF duplex motor, PL 5.25 Item 5. The exit roll, PL 5.20 Item 2 will rotate.

(4250/4260) DADF

- Enter dC330 code 05-200 to run the DADF scan motor, PL 5.30 Item 6.
  The following components will be run:
  – Gate roll, PL 5.50 Item 18.
  – Duplex roll, PL 5.45 Item 8.
- While the DADF scan motor runs, stack the code 05-300 to energize the pickup clutch and run the DADF feed rolls, PL 5.40 Item 7.
- While the DADF scan motor runs, stack the code 05-310 to energize the registration clutch and run the CVT roll, PL 5.50 Item 19.
- Enter dC330 code 05-210 to run the DADF exit motor, PL 5.30 Item 7. The upper exit roll, PL 5.45 Item 20 and lower exit roll PL 5.55 Item 10 will rotate.

Trays 2, 3, 4 and HCF

- Enter dC330 code 08-920 to run the tray 2 feed motor, PL 7.20 Item 9. The tray 2 feed rolls, PL 7.25 Item 11 and PL 8.10 Item 12 will rotate.
- Enter dC330 code 08-930 to run the tray 3 feed motor, PL 7.20 Item 9. The tray 3 feed rolls, PL 7.25 Item 11 and PL 8.10 Item 12 will rotate.
- Enter dC330 code 08-940 to run the tray 4 feed motor, PL 7.20 Item 9. The tray 4 feed rolls, PL 7.25 Item 11 and PL 8.10 Item 12 will rotate.
- Enter dC330 code 08-930 to run the HCF feed motor, PL 7.50 Item 19. The HCF feed rolls, PL 7.50 Item 10 and PL 8.10 Item 12 will rotate.

Finisher

- Enter dC330 code 12-100 to run the entrance motor, PL 12.15 Item 5.
  The following components will be run:
  – Entry roll, PL 12.15 Item 2.
  – Transport roll, PL 12.15 Item 2.
- Enter dC330 code 12-110 to run the exit motor, PL 12.20 Item 10.
  The following components will be run:
  – Compiler assembly, PL 12.20 Item 33.
  – Exit roll, PL 12.20 Item 1.

- Enter dC330 code 12-200 to run the paddle motor, PL 12.30 Item 4. The compiler exit paddles will be run.
- Enter dC330 codes 12-300 and 12-310 to run the front jogger motor, PL 12.30 Item 20. The front jogger assembly, PL 12.30 Item 27 will be run.
- Enter dC330 codes 12-320 and 12-330 to run the rear jogger motor, PL 12.30 Item 20. The rear jogger assembly, PL 12.30 Item 28 will be run.
- Enter dC330 code 12-400 to run the support finger motor, PL 12.25 Item 2. The support finger assembly, PL 12.50 Item 3 will be run.
- Enter dC330 code 12-500 to run the ejector motor, PL 12.40 Item 1. The ejector assembly, PL 12.50 Item 4 will be run.
- Enter dC330 codes 12-600 and 12-610 to run the stacker tray motor, PL 12.45 Item 20. The stacker assembly, PL 12.50 Item 2 will be run.

Possible Causes and Potential Solutions

Go to the relevant procedure:

- Squeaks.
- Unusual Noise from the Scanner Assembly.
- Grinding Noise from the Exit Drive.
- Squeak from the Fuser Assembly.

Squeaks

Possible causes are:

- Contamination of the bushes and drive shafts.
  Solution:
  - Clean the components.
  - Plastic bushes should be cleaned and lubricated.
  - Install new components as necessary.
- Bearings in cooling fans
  Solution:
  - Install new components as necessary.
- Mis-adjusted or worn drive belts.
  Solution:
  - Install new components as necessary.
- Mis-aligned or damaged parts.
  Solution:
  - Check for parts that are damaged or out of position.
  - Adjust the components if appropriate.
  - Install new components as necessary.
- Noise from the DADH input tray document guides.
  Solution:
  - Clean the DADH input tray in the area beneath the input guides.

Unusual Noise from the Scanner Assembly

Possible causes are:

- Mis-aligned or damaged parts.
- Defective motor driver.

Solution:

- **(4150)** Check the position of the scan motor and associated gears, PL 14.10 Item 4.
- **(4250/4260)** Check the position of the scan motor and associated gears, PL 14.13 Item 4.
- **(4150)** Ensure the CCD module, PL 14.10 Item 2, moves freely.
- **(4250/4260)** Manually rotate the CCD module drive gear. Ensure the CCD module, PL 14.13 Item 2, moves freely.
- Install new components as necessary, PL 14.10 (4150) or PL 14.13 (4250/4260).

Grinding Noise from the Exit Drive

Possible causes are:

- Drive gears binding.

Solution:

- Remove the exit drive assembly, PL 10.20 Item 1.
- Check for binding between the exit motor drive gear and the exit idler gear, PL 10.20 Item 7. Clear the binding and apply grease to the idler gear as necessary.

Unusual Noise from the Exit Assembly

Possible causes are:

- Loose meshing of the main drive assembly gears and the exit assembly gears.

Solution:

- Loosen the screws that secure the main drive assembly (4150) PL 4.20 Item 1 or (4250/4260) PL 4.25 Item 1.
- Bias the main drive assembly up towards the exit assembly. Tighten the screws.

Squeak from the Fuser Assembly

Possible causes are:

- Contaminated carbon brush in the fuser assembly.

Solution:

- Remove the front and rear carbon brush assembly, PL 10.26 Item 7 from the fuser assembly.
- Clean the carbon brushes and lubricate with a suitable grease. If necessary, install new carbon brush assemblies, PL 10.26 Item 7.
- Install new pressure roll bearings, PL 10.26 Item 22.

OF2 UI Touch Screen Error RAP

Use this RAP to solve UI touch screen problems when the machine has power but either the display is missing, is too dark or the UI screen responds incorrectly or does not refresh.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 3, Wiring Diagram 8 and Wiring Diagram 10. Perform the following:

1. Make sure that the backlight level is not turned down.
2. If possible, enter dC305 UI Test. Perform the relevant tests to check the operation of the UI.
3. Remove the UI, refer to REP 2.1. Check the wiring between the UI PWB and the touch screen, PL 2.10 Item 2.
4. Check the wiring between CN6 on the UI PWB and CN4 on the Main PWB.
5. Check for +5V and +24V on CN27 on the Main PWB. If +5V and +24V are not available, perform the following:
   - Check the wiring between CON71 on Power Supply Unit 1 and CN27 on the Main PWB.
   - Install a new power supply unit 1, PL 1.10 Item 3.
   - Perform the OF5 Main PWB Check RAP.
6. Install new components as necessary:
   - Touch screen, PL 2.10 Item 2.
   - UI assembly, PL 2.10 Item 1.
7. Perform the OF5 Main PWB Check RAP.

4250/4260 Checkout

NOTE: *The main PWB has test points. The location of the test points is shown on the Main PWB PJ location illustration.*

Refer to Wiring Diagram 19. Perform the following:

- If possible, enter dC305 UI Test. Perform the relevant tests to check the operation of the UI.
- Remove the UI, refer to REP 2.2. Check that the ribbon cables between the UI PWB and the touch screen, PL 2.12 Item 2 are connected and securely held by the locking mechanism on each connector.
- Check the wiring between CN1 on the UI PWB and CN2 on the Main PWB.
- Check for +5V and +24V on CN32 on the Main PWB. If +5V and +24V are not available, perform the following:
  - Check the wiring between CON71 on Power Supply Unit 1 and CN18 on the Main PWB.
  - Install a new power supply unit 1, PL 1.15 Item 3.
  - Perform the OF5 Main PWB Check RAP.
- Install new components as necessary:
  - Touch screen, PL 2.12 Item 2.
  - UI assembly, PL 2.12 Item 1.
- Perform the OF5 Main PWB Check RAP.

OF3 Air Systems RAP

Use this RAP to diagnose faulty machine fans. Faulty fans can cause image quality defects, smells or overheating.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

NOTE: *The main PWB has test points. The location of the test points is shown on the following PJ location illustrations:*

- *4150 Main PWB.*
- *4250/4260 Main PWB.*

Check the following fans:

- SMPS Fan
- LSU Fan
- Fuser Fan
- Duplex Fan 1
- Duplex Fan 2

SMPS Fan

Go to the 04-910 SMPS Fan Locked RAP.

LSU Fan

Refer to:

- **(4150)** Wiring Diagram 4.
- **(4250/4260)** Wiring Diagram 23.

Perform the following:

1. Switch off the machine, then switch on the machine.
2. Enter dC330 code 06-300 and 06-310. Check that the LSU fan, PL 6.10 Item 3 runs at normal speed.
3. **(4150)** Check the wiring between the LSU fan and CN9 on the Main PWB.
4. **(4250/4260)** Check the wiring between the LSU fan and CN10 on the Main PWB.
5. If necessary, install a new LSU fan, PL 6.10 Item 3.
6. Perform the OF5 Main PWB Check RAP.

Fuser Fan

Refer to:

- **(4150)** Wiring Diagram 4.
- **(4250/4260)** Wiring Diagram 23.

Perform the following:

1. Switch off the machine, then switch on the machine.
2. Enter dC330 code 10-500 and 10-510. Check that the fuser fan, PL 4.15 Item 27 runs at normal speed.
3. **(4150)** Check the wiring between the fuser fan and CN9 on the Main PWB.
4. **(4250/4260)** Check the wiring between the fuser fan and CN10 on the Main PWB.
5. If necessary, install a new fuser fan, PL 4.15 Item 27.
6. Perform the OF5 Main PWB Check RAP.

Duplex Fan 1

Go to the 04-800 Duplex Fan 1 Locked RAP.

Duplex Fan 2

Refer to:

- **(4150)** Wiring Diagram 4.
- **(4250/4260)** Wiring Diagram 25.

Perform the following:

1. Switch off the machine, then switch on the machine.
2. Enter dC330 code 04-400 and 04-420. Check that the duplex fan 2, PL 7.35 Item 17 runs at normal speed.
3. **(4150)** Check the wiring between the duplex fan 2 and CN25 on the Main PWB.
4. **(4250/4260)** Check the wiring between the duplex fan 2 and CN17 on the Main PWB.
5. Install new components as necessary:
   - Duplex fan 2, PL 7.35 Item 17.
   - Side cover assembly, PL 7.35 Item 1.
6. Perform the OF5 Main PWB Check RAP.

OF4 Copying Error RAP

Use this RAP if the machine does not copy correctly when the customer uses features such as auto size detect, edge erase, book copying and image shift.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

1. Perform the Scan Edge Print test, GP 18.
2. If the test fails, clean the document glass.
3. Install new components as necessary:
   - Scanner top cover assembly (4150), PL 14.10 Item 24.
   - Scanner top cover assembly (4250/4260), PL 14.13 Item 33.

OF5 Main PWB Check RAP

Use this RAP to check the main PWB. This RAP must be performed before a new main PWB is installed.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Perform the PWB Checks.

PWB Checks

The following steps are used to diagnose a fault with the input voltage to the main PWB or output voltage from the main PWB.

Perform the following:

1. Ensure the supply voltage is within specification, refer to GP 7 Machine Specifications. If possible, connect the machine directly to a known good power supply. If possible, do not connect the machine to a multiway connector or power strip that is being used to supply power to other electro mechanical devices. Card readers, printers and PC's are known to cause problems for Xerox equipment if they share a power supply.

   If the customers power supply is faulty, inform the customer.
2. **(4150)** Refer to Wiring Diagram 8. Disconnect CN27 from the Main PWB. Check the output voltage from power supply unit 1. If necessary, install a new power supply unit 1, PL 1.10 Item 3. If the output voltage from power supply unit 1 is good, reconnect CN27. Check the voltage on the main PWB. Repair the wiring as necessary.
3. **(4250/4260)** Refer to Wiring Diagram 17. Disconnect CN18 from the Main PWB. Check the output voltage from power supply unit 1. If necessary, install a new power supply unit 1, PL 1.15 Item 3. If the output voltage from power supply unit 1 is good, reconnect CN18. Check the voltage on the main PWB. Repair the wiring as necessary.
4. **(4150)** Refer to Wiring Diagram 3, Wiring Diagram 5, Wiring Diagram 6, Wiring Diagram 7. Actuate each component connected to the main PWB. Check that the signal voltage from each component changes state. Check the wiring or install new components as necessary.
5. **(4250/4260)** Refer to Wiring Diagram 21, Wiring Diagram 22, Wiring Diagram 23, Wiring Diagram 24 and Wiring Diagram 25. Actuate each component connected to the main PWB. Check that the signal voltage from each component changes state. Check the wiring or install new components as necessary.
6. Check all connectors on the main PWB. If necessary, remove any oxidisation from the pins and connectors.
7. If the fault is still present, perform the Software Checks.

Software Checks

The following steps are used to clear any memory or software faults. The customers settings will be reset to default. Ensure all customer data is recorded before clearing the memory.

Perform the following:

1. Print the System Configuration and Fax Phone Book reports, refer to GP 5. Enter dC132. Initialize the Copier NVM, Network NVM and Fax Card NVM.
2. Reinstall the machine firmware, refer to GP 6 Firmware Upgrade.
3. **(4150)** Reset the main PWB. Perform the following:
   a. Disconnect the battery, PL 1.10 Item 5 from CN29 on the Main PWB.
   b. Set a multimeter to VDC.
   c. Use the multimeter to discharge the voltage across the pins at CN29.

      NOTE: *It will take approximately 1 minute to discharge the voltage.*

   d. Reconnect the battery.
4. If the fault is still present, perform the Final Actions.

Final Actions

Perform the following:

1. Install new components as necessary:
   - Main PWB (4150), PL 1.10 Item 1.
   - Main PWB (4250/4260), PL 1.15 Item 1.
2. Perform ADJ 14.1 Shading Adjustment.

OF6 Machine ID Error RAP

Use this RAP if the machine displays a machine ID error message.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

A serial number error (machine ID error) is usually displayed when the MSOK is defective or the serial number information was incorrectly read between the MSOK and the main PWB.

Perform the following:

1. Obtain a new MSOK from Field Engineering. The correct machine serial number, machine configuration information and billing plan must be provided to Field Engineering to be programmed into the new MSOK.

   NOTE: *A new PEK must be sent with the new MSOK.*

2. Use the original FEK(s) to enable optional features.

4250/4260 Checkout

A serial number error (machine ID error) is usually displayed when the MSOK is defective, the serial number information was incorrectly read between the NVM CHIP and MSOK CHIP or the MSOK is replaced.

Perform the following:

1. Enter the correct serial number, refer to GP 21 Set Machine Serial Number.

3 Image Quality

Image Quality RAPs

IQ1 Image Quality Entry RAP 3-3
IQ2 Blank Copies RAP 3-8
IQ3 Black Copies or Prints RAP 3-9
IQ4 Blurred Image From the Scanner RAP 3-10
IQ5 Vertical Black Lines or Bands RAP 3-11
IQ6 Vertical White Lines RAP 3-12
IQ7 Light Image RAP 3-12
IQ8 Dark Image RAP 3-13
IQ9 Background RAP 3-14
IQ10 Ghost Images RAP 3-15
IQ11 Stains on Back of Paper RAP 3-16
IQ12 Poor Fusing RAP 3-16
IQ13 Partial Blank Image (Not Periodic) RAP 3-17
IQ14 Partial Blank Image (Periodic) RAP 3-17
IQ15 Different Image Density (Left and Right) RAP 3-18
IQ16 Horizontal Bands RAP 3-18
IQ17 Periodic Printing Defects Check RAP 3-19
IQ18 DADF Lead Edge Offset RAP 3-20
IQ19 Poor Registration RAP 3-21
IQ20 Image Displacement RAP 3-21

Image Quality Specifications

IQS 1 Solid Area Density 3-23
IQS 2 Skew 3-24
IQS 3 Registration 3-24

IQ1 Image Quality Entry RAP

Use this RAP to determine the source of an image quality problem.

Initial Actions

- Check the condition of the paper. Do not use incorrectly cut paper, damp paper, paper with rough edges, badly drilled paper, paper with wrapper wax or glue. Paper and media should be stored flat, enclosed in wrappers, in a cool dry environment.
- Check that the paper is within specifications. Refer to GP 9 Paper and Media Specifications.
- Check that paper tray guides are set to the correct paper size.
- Check the document guides on the DADF.
- Check the original documents for defects.
- Ensure that the image adjustment mode selections are those used by the customer.
- Check that the machine fans are working, go to the OF3 Air Systems RAP.

Procedure

If necessary, refer to IQ1 Internal Test Patterns for:

- A description of image quality defects.
- The optimum test pattern to be used to diagnose the defect.
- An example of all internal test patterns.

If possible, use the customer job to recreate the image quality problem.

Enter dC606. Select a suitable test pattern. Select the Features, 1 or 2 sided and paper size. Press Start Test. Go to the relevant RAP:

- IQ2 Blank Copies RAP
- IQ3 Black Copies or Prints RAP
- IQ4 Blurred Image From the Scanner RAP
- IQ5 Vertical Black Lines or Bands RAP
- IQ6 Vertical White Lines RAP
- IQ7 Light Image RAP
- IQ8 Dark Image RAP
- IQ9 Background RAP
- IQ10 Ghost Images RAP
- IQ11 Stains on Back of Paper RAP
- IQ12 Poor Fusing RAP
- IQ13 Partial Blank Image (Not Periodic) RAP
- IQ14 Partial Blank Image (Periodic) RAP
- IQ15 Different Image Density (Left and Right) RAP
- IQ16 Horizontal Bands RAP
- IQ17 Periodic Printing Defects Check RAP
- IQ18 DADF Lead Edge Offset RAP
- IQ19 Poor Registration RAP.
- IQ20 Image Displacement RAP

IQ1 Internal Test Patterns

Table 1 defines the image defect, gives a description of the defect and identifies the optimum test pattern to be used.

NOTE: *There are 19 internal test patterns, but only 7 are unique. Each test pattern is available more than one time. Only the first occurrence of a test pattern is shown in Table 1.*

Table 2 describes the test patterns and the purpose for which they should be used to identify image quality defects.

Table 1 Image quality defects

Image quality defect	Description of defect	Optimum internal test pattern
Background	Uniform darkening across all the non print areas	1
Bands	Grey to dark in the light or non-image areas of the print in the process direction or across the process direction. See also narrow bands.	1
Beads on print	Developer beads in the light or non-image areas of the print.	1, 7, 8
Black image	A print that is black or grey all over, but has no visible image of the original document.	1, 7, 8
Blank image	No visible image.	1, 7, 8
Blurred image	Part or whole of the image has the appearance of being out of focus.	1, 7, 8
Dark prints	Very dark background with a visible image.	1, 7, 8
Deletions	Areas of the image missing from the print. Deletions may be in the form of white spots, marks, lines, or whole areas of toner missing from the print.	1, 6
Displaced and fragmented image	Distorted images, part images and missing images (scrambled images). Displaced images.	1
Light image	The image is visible on the print, but with insufficient solid area density.	1
Lines	Black or white lines across the process direction or in the process direction. See also the description, displaced and fragmented image.	1, 7
Magnification	At 100% magnification the printed image differs from the size of the image on the original document.	7
Marks	Dark marks in the non-image areas of the print.	1, 7
Misregistration	The image on the paper is Misregistration.	7
Narrow Bands	Bands across the process direction visible in halftone areas.	1, 4, 5
Non uniformity	Variation in image quality and density across the print. See also uneven density.	4, 5
Offsetting	A previous image that was not removed from the fuser roll during the cleaning cycle. The image is repeated at regular intervals.	1, 5

Table 1 Image quality defects

Image quality defect	Description of defect	Optimum internal test pattern
Part images and missing images	Incomplete or missing images.	1
Print damage	Creases, curl, cuts, folds, wrinkles, or embossed marks are visible on the print.	1, 3, 4, 5, 6, 8
Repeat images	Refer to offsetting defects and residual image defects.	1, 5
Residual image	A previous image that was not removed from the photoreceptor during the cleaning cycle.	1, 5
Skew	A difference in angular alignment between image on the print and the original document.	7
Skips	Loss or stretching of the image, and compression of the image, in bands across the process direction.	1
Smears	Loss or stretching of the image, and compression of the image, in bands across the process direction.	1, 3
Smudges	Darker images across the process direction.	1
Spots	Dark spots in the non-image areas of the print.	Make a blank copy
Streaks	Lines on the print, in the process direction of the non-image area.	1, 7, 8
Stretched and distorted images	The image on the paper is stretched or distorted.	1
Toner contamination on the back of prints	Random black spots or marks	Make a blank copy
Uneven density	Variation in image density across the print. See also non uniformity.	1
Unfused prints	The toner image on the finished print is not fused to the print medium.	6

Table 2 Internal test patterns

Number	Description	Purpose
1	S600 Pattern (A4), Figure 1.	Light density uniformity, deletions, lines, bands, streaks, smears, solid area reproducibility, motion quality (LSU).
2	S600 Pattern (8.5 X 11), Figure 1.	Light density uniformity, deletions, lines, bands, streaks, smears, solid area reproducibility, motion quality (LSU).
3	Grey Dusting with Four Line Pattern, Figure 2.	Skips, smears, print damage.
4	Grey Dusting Pattern, Figure 3.	Print damage.
5	Ghosting Pattern, Figure 4.	Ghost imaging, fuser offset, print damage.
6	Dark Dusting (duplex), Figure 5.	Fix, white lines, white spots.
7	Skew Test (8.5 x 11 duplex), Figure 6.	Lead edge registration, side edge registration, skew, magnification.
8	Character Test Pattern (2 prints), Figure 7.	Light density uniformity, deletions, lines, bands, streaks, smears, solid area reproducibility, motion quality (LSU), print damage.
9	S600 Pattern (A4 duplex), Figure 1.	Light density uniformity, deletions, lines, bands, streaks, smears, solid area reproducibility, motion quality (LSU).
10	S600 Pattern (8.5 X 11 duplex), Figure 1.	Light density uniformity, deletions, lines, bands, streaks, smears, solid area reproducibility, motion quality (LSU).
11	Grey dusting with four line pattern (duplex), Figure 2.	Skips, smears, print damage.
12	Grey Dusting Pattern, Figure 3.	Print damage.
13	Ghosting Pattern (duplex), Figure 4.	Ghost imaging, fuser offset.
14	Dark Dusting (duplex), Figure 5.	Fix, white lines, white spots.
15	Skew Test (8.5 x 11 duplex), Figure 6.	Lead edge registration, side edge registration, skew, magnification.
16	Character Test Pattern (2 prints), Figure 7.	Light density uniformity, deletions, lines, bands, streaks, smears, solid area reproducibility, motion quality (LSU), print damage.
17	S600 Pattern (A4 duplex), Figure 1.	Light density uniformity, deletions, lines, bands, streaks, smears, solid area reproducibility, motion quality (LSU).
18	S600 Pattern (8.5 X 11 duplex), Figure 1.	Light density uniformity, deletions, lines, bands, streaks, smears, solid area reproducibility, motion quality (LSU).
19	Grey dusting with four line pattern Pattern (duplex), Figure 2.	Skips, smears, print damage.
N/A	Blank copy	0% area coverage. Background defects, black spots, black lines, scratches, beads.

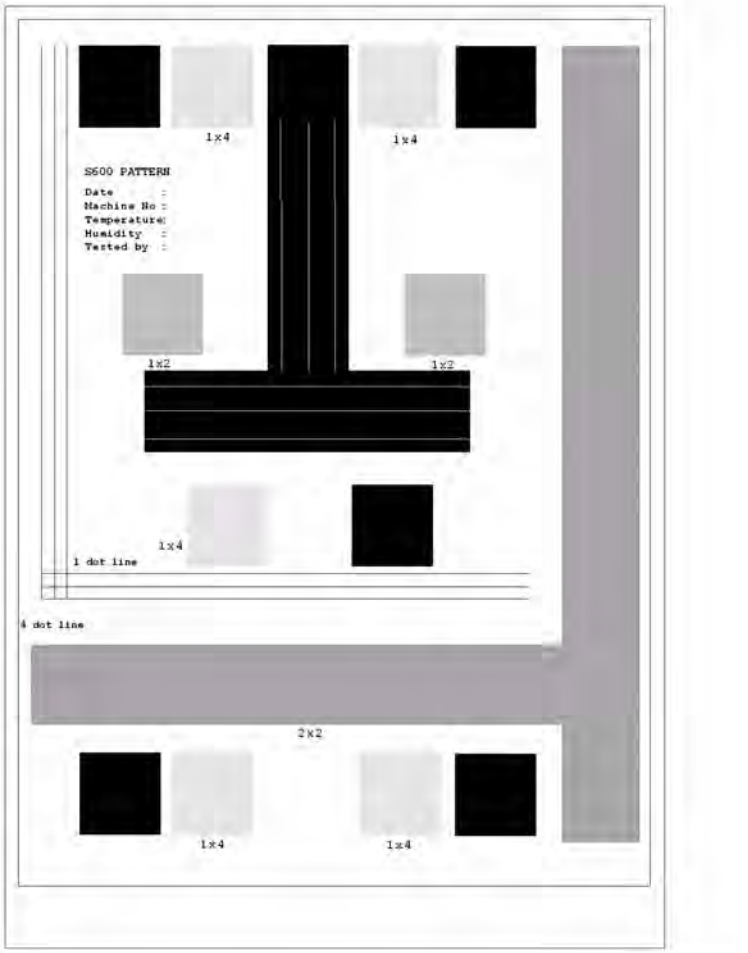


Figure 1 Test pattern 1, 2, 9, 10, 17 and 18

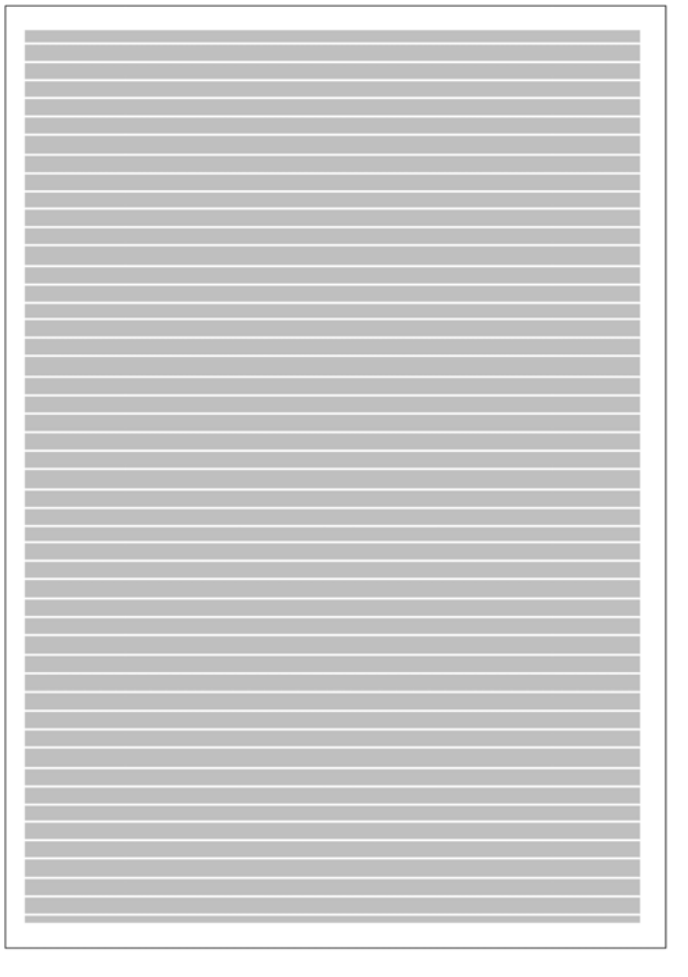
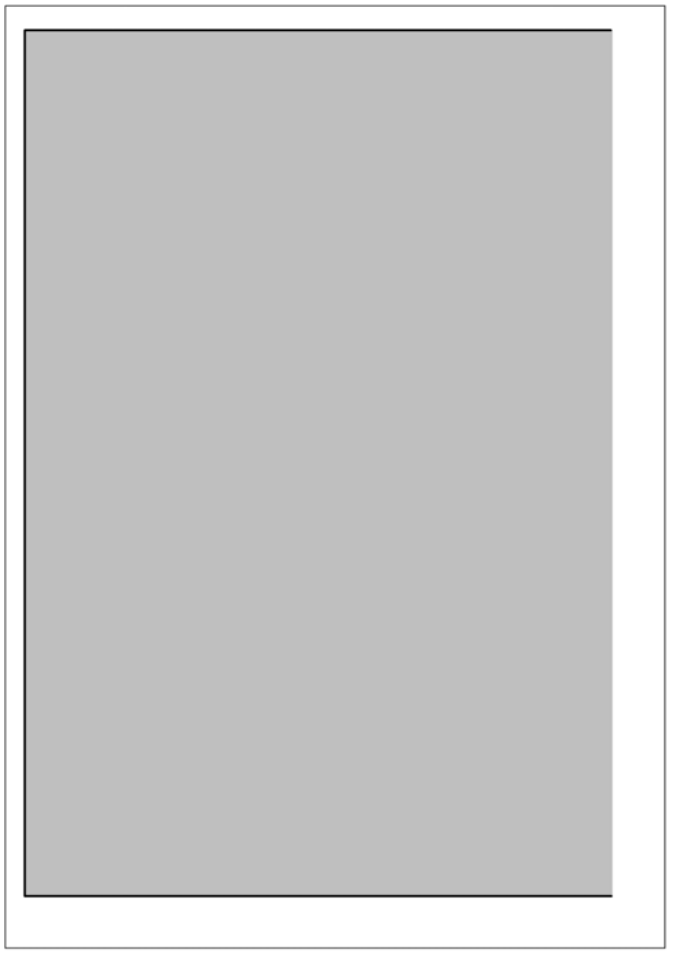


Figure 2 Test pattern 3, 11 and 19

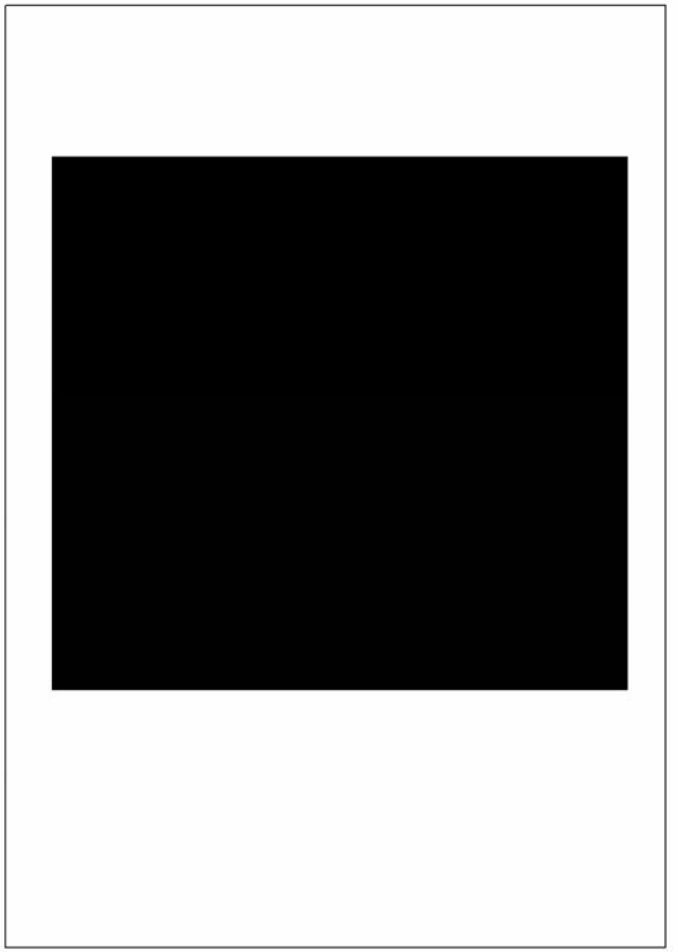


AP-1-0675-A

Figure 3 Test pattern 4 and 12

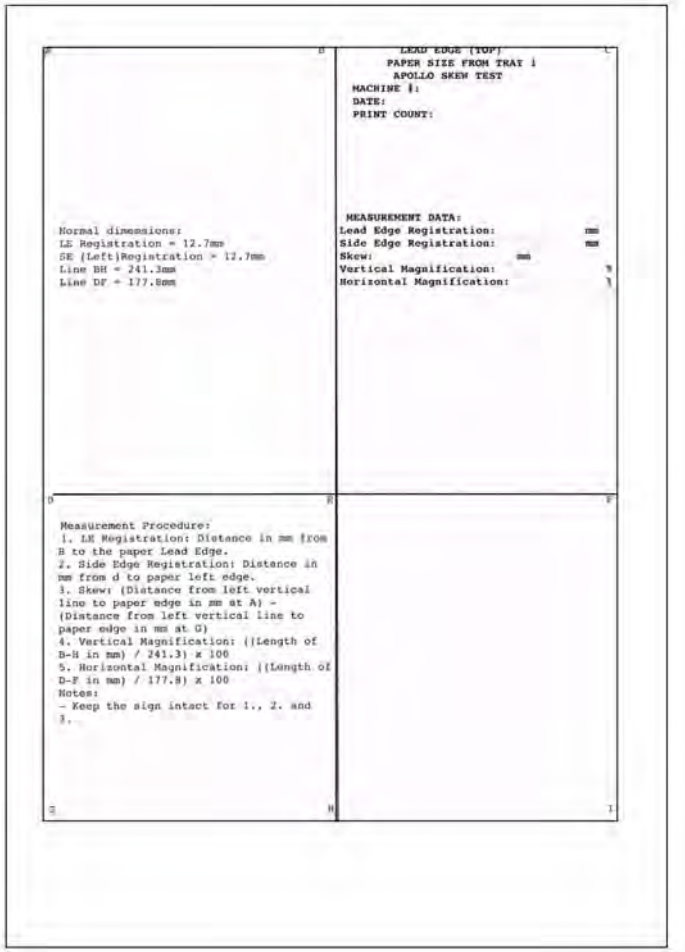
AP-1-0670-A

Figure 4 Test pattern 5 and 13



AP-1-0671-A

Figure 5 Test pattern 6 and 14



AP-1-0672-A

Figure 6 Test pattern 7 and 15

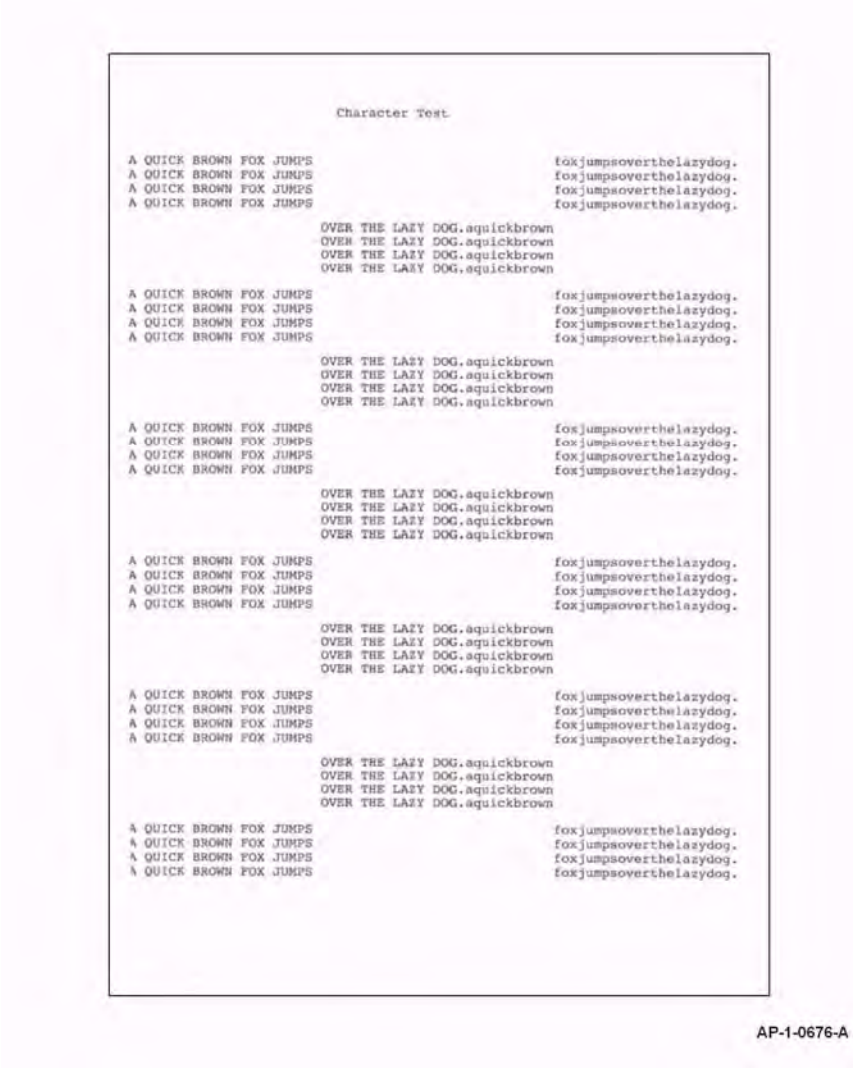


Figure 7 Test pattern 8 and 16

IQ2 Blank Copies RAP

Use this RAP when the machine produces blank copies.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

1. Determine the source of the problem. Make a print. Make a copy.
2. If the defect appears only in copy mode, perform the following:
   a. Ensure the DADF is closed. Room illumination can be transmitted through thin originals.
   b. If the defect appears only when using the DADF, check that the scanner lock is completely unlocked.
   c. Perform ADJ 14.1 Shading Adjustment.
3. If the defect appears in all modes, perform the following:
   a. Examine the toner cartridge, PL 9.10 Item 2 and xerographic module, PL 9.10 Item 1. Ensure they are free from all packing or sealing material.
   b. Check the LSU. Go to the 06-100, 200 LSU Error RAP.
   c. **(4150)** Refer to Wiring Diagram 3. Perform the following:
      - Check the wiring between the LSU and CN5 on the Main PWB.
      - Install a new LSU, PL 6.10 Item 1.
   d. **(4250)** Refer to Wiring Diagram 32. Perform the following:
      - Check the wiring between the LSU and CN39 on the Main PWB.
      - Install a new LSU, PL 6.10 Item 1.
   e. **(4260)** Refer to Wiring Diagram 21. Perform the following:
      - Check the wiring between the LSU and CN4 on the Main PWB.
      - Install a new LSU, PL 6.10 Item 1.
   f. **(4150)** Refer to Wiring Diagram 2 and Wiring Diagram 4. Perform the following:
      - Check the spring contacts in the terminal assembly, PL 4.15 Item 13. The spring contacts supply the voltages to the xerographic module and the side cover assembly. If necessary, clean the spring contacts. If necessary, install a new terminal assembly, PL 4.15 Item 13.
      - Check the wiring between the HVPS and the terminal assembly, PL 4.15 Item 13.
      - Check the wiring between CN1 on the HVPS and CN7 on the Main PWB.
      - Check the xerographic module ground connector, PL 4.15 Item 26. Make sure that the connector is grounded.
      - Install a new HVPS, PL 1.10 Item 2.
      - Install a new side cover assembly, PL 7.30 Item 1.
   g. **(4250/4260)** Refer to Wiring Diagram 18. Perform the following:
      - Check the spring contacts in the terminal assembly, PL 4.15 Item 13. The spring contacts supply the voltages to the xerographic module and the side cover assembly. If necessary, clean the spring contacts. If necessary, install a new terminal assembly, PL 4.15 Item 13.

- Check the wiring between CON2 on the HVPS and the terminal assembly, PL 4.15 Item 13.
- Check the wiring between CON1 on the HVPS and CN7 on the Main PWB.
- Check the xerographic module ground connector, PL 4.15 Item 26. Make sure that the connector is grounded.
- Install a new HVPS, PL 1.15 Item 2.
- Install a new side cover assembly, PL 7.30 Item 1.

h. Perform the OF5 Main PWB Check RAP.

IQ3 Black Copies or Prints RAP

Use this RAP when the machine produces black copies and prints.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

Refer to Wiring Diagram 3. Perform the following:

1. Make a print, make a copy. If the print and copy are both black, go to the 06-100, 200 LSU Error RAP.
2. Check the ribbon cable, PL 14.10 Item 7 between the CCD module and CN3 on the Main PWB. If necessary, install a new CCD ribbon cable, PL 14.10 Item 7.
3. Refer to Wiring Diagram 2. Check the wiring between CON1 on the HVPS and the terminal assembly, PL 4.15 Item 13.
4. If the machine prints a black configuration page, perform the following:
   a. dC132 NVM Initialization.
   b. Check the memory DIMM, PL 1.10 Item 22. If necessary, install a new memory DIMM.
   c. Perform GP 19 Memory Clear.
5. Install new components as necessary:
   - CCD module, PL 14.10 Item 2.
   - HVPS, PL 1.10 Item 2.
6. Perform the OF5 Main PWB Check RAP.

4250/4260 Checkout

Refer to Wiring Diagram 21. Perform the following:

1. Make a print, make a copy. If the print and copy are both black, go to the 06-100, 200 LSU Error RAP.
2. Check the ribbon cable, PL 14.13 Item 7 between the CCD module and CN3 on the Main PWB. If necessary, install a new CCD ribbon cable, PL 14.13 Item 7.
3. Refer to Wiring Diagram 18. Check the wiring between CON2 on the HVPS and the terminal assembly, PL 4.15 Item 13.
4. If the machine prints a black configuration page, perform the following:
   a. dC132 NVM Initialization.
   b. Check the memory DIMM, PL 1.15 Item 22. If necessary, install a new memory DIMM.
   c. Perform GP 19 Memory Clear.
5. Install new components as necessary:
   - CCD module, PL 14.13 Item 2.
   - HVPS, PL 1.15 Item 2.

6. Perform the OF5 Main PWB Check RAP.

IQ4 Blurred Image From the Scanner RAP

Use this RAP when the scanner produces blurred images.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

1. Check the gap between the pressure plate and the CVT glass. Perform the following:
   a. Put a sheet of A4 or 8.5x11 inch paper over the CVT glass (4150), PL 14.10 Item 22 or (4250/4260), PL 14.13 Item 32.
   b. Close the DADF.
   c. Carefully pull the paper from underneath the DADF. Make sure that the paper was pressed between the pressure plate and the CVT glass. If necessary, install a new DADF (4150), PL 5.10 Item 1 or (4250/4260) PL 5.30 Item 1.
2. Perform ADJ 14.1 Shading Adjustment.

IQ5 Vertical Black Lines or Bands RAP

Use this RAP when there are black lines or bands along the process direction, as shown in Figure 1.

Figure 1 Vertical black line and band

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

1. If the defect is only present on received faxes, ensure the defect is not being generated by the fax machine that is transmitting the fax.
2. If the defect is only present when making copies, clean the document glass.
3. If the defect is only present when making copies from the DADF, clean the CVT glass.
4. Lightweight media can cause fusing problems that may result in vertical lines. Ensure the customer is using media that is within specification. Refer to GP 9 Paper and Media Specifications.
5. The fuser may be contaminated. Make 10 blank copies. Install new components as necessary (4150), PL 10.25 and PL 10.26 or (4250/4260) PL 10.28 and PL 10.30.
6. **(4150)** Refer to Wiring Diagram 3. Check that the harness between the LSU and the main PWB is correctly and securely connected.
7. **(4250)** Refer to Wiring Diagram 32. Check that the harness between the LSU and the main PWB is correctly and securely connected.
8. **(4260)** Refer to Wiring Diagram 21. Check that the harness between the LSU and the main PWB is correctly and securely connected.
9. Remove the xerographic module, PL 9.10 Item 1. Check the ground spring on the front of the xerographic module, between the locating pins. If necessary, reform the spring. Clean the xerographic ground spring connector in the machine.
10. Install new components as necessary:
    - Xerographic module, PL 9.10 Item 1.
    - Toner cartridge, PL 9.10 Item 2.
    - LSU, PL 6.10 Item 1.
    - CCD module (4150), PL 14.10 Item 2.
    - CCD module (4250/4260), PL 14.13 Item 2.

IQ6 Vertical White Lines RAP

Use this RAP when there are white lines along the process direction, as shown in Figure 1.

Figure 1 Vertical white lines

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

1. Remove the toner cartridge, PL 9.10 Item 2 and the xerographic module, PL 9.10 Item 1. Ensure there are no obstructions that block the LSU from imaging the xerographic module.
2. Remove the LSU, REP 6.1. Clean the LSU window using a clean, lint-free cloth. If necessary, install a new LSU, PL 6.10 Item 1.
3. Install new components as necessary:
   - Xerographic module, PL 9.10 Item 1.
   - Toner cartridge, PL 9.10 Item 2.
4. If the defect appears only when copying from the DADF, install a new CCD module, (4150) PL 14.10 Item 2 or (4250/4260) PL 14.13 Item 2.

IQ7 Light Image RAP

Use this RAP when the machine produces light images in all modes, as shown in Figure 1.

Figure 1 Light image

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

NOTE: *For solid print area specifications, refer to IQS 1 Solid Area Density.*

Perform the following:

1. If the defect appears only when using the DADF, check that the scanner lock, PL 14.10 Item 20 is completely unlocked.
2. Ensure that the paper tray settings match the paper or media size in the trays.
3. Examine the toner cartridge, PL 9.10 Item 2 and xerographic module, PL 9.10 Item 1. Ensure they are free from all packing or sealing material.
4. Perform ADJ 14.1 Shading Adjustment.
5. Remove the LSU, REP 6.1. Clean the LSU window using a clean, lint-free cloth. If necessary, install a new LSU, PL 6.10 Item 1.
6. Refer to Wiring Diagram 2. Perform the following:
   - Check the wiring between CON1 on the HVPS and the terminal assembly, PL 4.15 Item 13.

- If necessary, install a new HVPS, PL 1.10 Item 2.

7. Refer to Wiring Diagram 2 and Wiring Diagram 4. Perform the following:
   - Check the spring contacts in the terminal assembly, PL 4.15 Item 13. The spring contacts supply the voltages to the xerographic module and the side cover assembly. If necessary, clean the spring contacts. If necessary, install a new terminal assembly, PL 4.15 Item 13.
   - Check the wiring between the HVPS and the terminal assembly, PL 4.15 Item 13.
   - Check the wiring between CN1 on the HVPS and CN7 on the Main PWB.
   - Install a new toner cartridge, PL 9.10 Item 2.
   - Install a new HVPS, PL 1.10 Item 2.
   - Install a new side cover assembly, PL 7.30 Item 1.
8. Check the spring contacts to the transfer roll assembly, PL 7.35 Item 18. If necessary, clean the spring contacts. Install new components as necessary, PL 7.35.
9. Refer to Wiring Diagram 7. Check the wiring between the ambient temperature sensor and CN26 on the Main PWB. Light copies can be caused by a faulty ambient temperature sensor. If necessary, install a new ambient temperature sensor, PL 1.10 Item 21.

4250/4260 Checkout

NOTE: *For solid print area specifications, refer to IQS 1 Solid Area Density.*

Perform the following:

1. If the defect appears only when using the DADF, check that the scanner lock is completely unlocked.
2. Ensure that the paper tray settings match the paper or media size in the trays.
3. Examine the toner cartridge, PL 9.10 Item 2 and xerographic module, PL 9.10 Item 1. Ensure they are free from all packing or sealing material.
4. Perform ADJ 14.1 Shading Adjustment.
5. Remove the LSU, REP 6.1. Clean the LSU window using a clean, lint-free cloth. If necessary, install a new LSU, PL 6.10 Item 1.
6. Refer to Wiring Diagram 18. Perform the following:
   - Check the wiring between CON2 on the HVPS and the terminal assembly, PL 4.15 Item 13.
   - If necessary, install a new HVPS, PL 1.15 Item 2.
7. Refer to Wiring Diagram 18. Perform the following:
   - Check the spring contacts in the terminal assembly, PL 4.15 Item 13. The spring contacts supply the voltages to the xerographic module and the side cover assembly. If necessary, clean the spring contacts. If necessary, install a new terminal assembly, PL 4.15 Item 13.
   - Check the wiring between the HVPS and the terminal assembly, PL 4.15 Item 13.
   - Check the wiring between CON1 on the HVPS and CN7 on the Main PWB.
   - Install a new toner cartridge, PL 9.10 Item 2.
   - Install a new HVPS, PL 1.15 Item 2.
   - Install a new side cover assembly, PL 7.30 Item 1.
8. Check the spring contacts to the transfer roll assembly, PL 7.35 Item 18. If necessary, clean the spring contacts. Install new components as necessary, PL 7.35.
9. Refer to Wiring Diagram 26. Check the wiring between the ambient temperature thermistor and CN23 on the Main PWB.

IQ8 Dark Image RAP

Use this RAP when the machine produces dark images in all modes.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Perform the following:

1. Ensure that the paper tray settings match the paper or media size in the trays.
2. Perform ADJ 14.1 Shading Adjustment.
3. **(4150)** Refer to Wiring Diagram 2 and Wiring Diagram 4. Perform the following:
   - Check the spring contacts in the terminal assembly, PL 4.15 Item 13. The spring contacts supply the voltages to the xerographic module and the side cover assembly. If necessary, clean the spring contacts. If necessary, install a new terminal assembly, PL 4.15 Item 13.
   - Check the wiring between the HVPS and the terminal assembly, PL 4.15 Item 13 and the main frame assembly.
   - If necessary, install a new HVPS, PL 1.10 Item 2.
4. **(4250/4260)** Refer to Wiring Diagram 18. Perform the following:
   - Check the spring contacts in the terminal assembly, PL 4.15 Item 13. The spring contacts supply the voltages to the xerographic module and the side cover assembly. If necessary, clean the spring contacts. If necessary, install a new terminal assembly, PL 4.15 Item 13.
   - Check the wiring between CON2 on the HVPS and the terminal assembly, PL 4.15 Item 13.
   - If necessary, install a new HVPS, PL 1.15 Item 2.
5. Install a new transfer roll, PL 7.35 Item 19.
6. Perform the OF5 Main PWB Check RAP.

IQ9 Background RAP

Use this RAP when the printed sheets have a dark or spotted background, as shown in Figure 1.

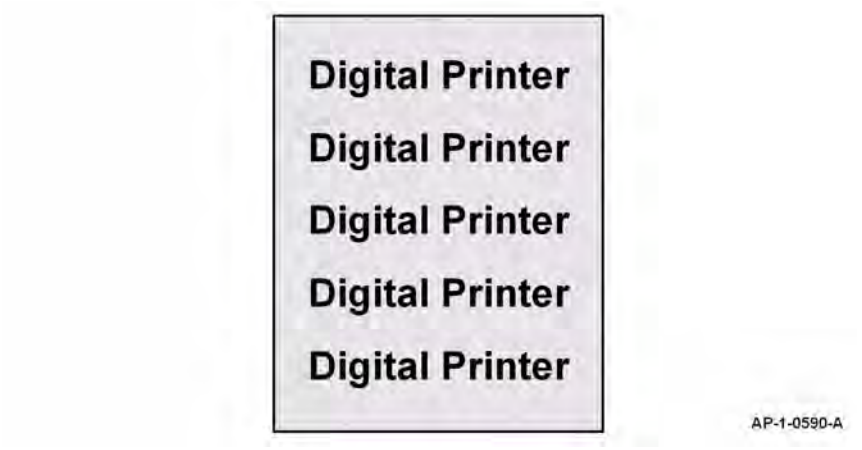


Figure 1 Background

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Perform the following:

1. Ensure that the paper tray settings match the paper or media size in the trays. Also, ensure the media is within specification. Refer to GP 9 Paper and Media Specifications.
2. Ensure the machine is being operated in the correct environmental conditions. Refer to GP 7 Machine Specifications.
3. Check for contamination of the toner cartridge. If necessary install a new toner cartridge, PL 9.10 Item 2.
4. Make 10 blank copies to clean the xerographic drum. If necessary, install a new xerographic module, PL 9.10 Item 1.
5. Remove the xerographic module, PL 9.10 Item 1. Check the ground spring on the front of the xerographic module, between the locating pins. If necessary, reform the spring. Clean the xerographic ground spring connector in the machine.
6. Reinstall the machine firmware, refer to GP 6 Firmware Upgrade.
7. **(4150)** Wiring Diagram 2 and Wiring Diagram 4. Perform the following:
   - Check the spring contacts in the terminal assembly, PL 4.15 Item 13. The spring contacts supply the voltages to the xerographic module and the side cover assembly. If necessary, clean the spring contacts. If necessary, install a new terminal assembly, PL 4.15 Item 13.
   - Check the wiring between the HVPS and the terminal assembly, PL 4.15 Item 13.
   - Install a new HVPS, PL 1.10 Item 2.
8. **(4250/4260)** Refer to Wiring Diagram 18. Perform the following:
   - Check the spring contacts in the terminal assembly, PL 4.15 Item 13. The spring contacts supply the voltages to the xerographic module and the side cover assembly. If necessary, clean the spring contacts. If necessary, install a new terminal assembly, PL 4.15 Item 13.
   - Check the wiring between CON2 on the HVPS and the terminal assembly, PL 4.15 Item 13.
   - If necessary, install a new HVPS, PL 1.15 Item 2.
9. Install a new transfer roll, PL 7.35 Item 19.

IQ10 Ghost Images RAP

Use this RAP when the printed sheets have ghost images, as shown in Figure 1.

Figure 1 Ghost images

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Perform the following:

1. Measure the distance between the image and the ghosted image. Refer to Table 1 (4150) or Table 2 (4250/4260) to determine the possible cause of the defect.

Table 1 Defect distance (4150)

Defect distance	Roller	Component	Parts List Ref.
94mm (3.7 inches)	Xerographic drum	Xerographic module	PL 9.10 Item 1
38mm (1.5 inches)	Charge roller	Xerographic module	PL 9.10 Item 1
44mm (1.7 inches)	Supply roller	Xerographic module	PL 9.10 Item 1
57mm (2.2 inches)	Transfer roller	Transfer roller	PL 7.35 Item 19
126mm (4.9 inches)	Heat roller	Fuser assembly	PL 10.26 Item 13
155mm (6.1 inches)	Pressure roller	Fuser assembly	PL 10.26 Item 23

Table 2 Defect distance (4250/4260)

Defect distance	Roller	Component	Parts List Ref.
94mm (3.7 inches)	Xerographic drum	Xerographic module	PL 9.10 Item 1
38mm (1.5 inches)	Charge roller	Xerographic module	PL 9.10 Item 1

Table 2 Defect distance (4250/4260)

Defect distance	Roller	Component	Parts List Ref.
44mm (1.7 inches)	Supply roller	Xerographic module	PL 9.10 Item 1
57mm (2.2 inches)	Transfer roller	Transfer roller	PL 7.35 Item 19
126mm (4.9 inches)	Heat roller	Fuser assembly	PL 10.30 Item 10
155mm (6.1 inches)	Pressure roller	Fuser assembly	PL 10.30 Item 31

- If the distance between the image and the defect matches the heat roller or pressure roller, perform the following:
  - Ensure that the paper tray settings match the paper or media size in the trays. Ensure the media is within specification. Refer to GP 9 Paper and Media Specifications.
  - Enter dC330 codes 10-200 (centre thermistor) and 10-210 (front thermistor). Ensure that the fuser is operating within the correct temperature range. Refer to GP 7 Machine Specifications.

2. Check for contamination of the toner cartridge. If necessary install a new toner cartridge, PL 9.10 Item 2.
3. Make 10 blank copies to clean the xerographic drum. If necessary, install a new xerographic module, PL 9.10 Item 1.

IQ11 Stains on Back of Paper RAP

Use this RAP when the printed sheets have stains on the non-image side of the paper.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Perform the following:

1. Check the transfer roller, PL 7.35 Item 19. Clean as required or install a new transfer roller, PL 7.35 Item 19.
2. Check the paper path for dirt and contamination. Clean as required.
3. **(4150)** Check the fuser assembly for contamination. Install new components as necessary, PL 10.25 and PL 10.26.
4. **(4250/4260)** Check the fuser assembly for contamination. Install new components as necessary, PL 10.28 and PL 10.30.

IQ12 Poor Fusing RAP

Use this RAP when the image is improperly fused.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Do not touch the fuser while it is hot.

Perform the following:

1. Ensure that the paper tray settings match the paper or media size in the trays. Also ensure the media is within specification. Refer to GP 9 Paper and Media Specifications.
2. Examine the fuser assembly and ensure the thermistors are clean and in good contact with the heat roller.
3. Ensure the machine is being operated in the correct environmental conditions. Refer to GP 7 Machine Specifications.
4. If the machine has been standing in a low temperature environment for a long time, try to bring the environment up to a warmer temperature before re-trying the machine.
5. **(4150)** Refer to Wiring Diagram 2. Perform the following:
   - Check the wiring between CON2 on the HVPS and the fuser assembly.
   - If necessary, install a new HVPS, PL 1.10 Item 2.
6. **(4250/4260)** Refer to Wiring Diagram 18. Perform the following:
   - Check the wiring between CON2 on the HVPS and the terminal assembly, PL 4.15 Item 13.
   - If necessary, install a new HVPS, PL 1.15 Item 2.
7. If necessary, go to the 10-100, 200 Open Fuser Error/Low Heat Error RAP.

IQ13 Partial Blank Image (Not Periodic) RAP

Use this RAP when the printed sheets have blank areas, not forming a regular pattern.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Perform the following:

1. Install a new toner cartridge, PL 9.10 Item 2.

IQ14 Partial Blank Image (Periodic) RAP

Use this RAP when the printed sheets have blank areas that form a regular, or repeated, pattern.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Perform the following:

1. Measure the distance between the image and the defect. Refer to Table 1 (4150) or Table 2 (4250/4260) to determine the possible cause of the defect.

Table 1 Defect distance

Defect distance	Roller	Component	Parts List Ref.
94mm (3.7 inches)	Xerographic drum	Xerographic module	PL 9.10 Item 1
38mm (1.5 inches)	Charge roller	Xerographic module	PL 9.10 Item 1
44mm (1.7 inches)	Supply roller	Xerographic module	PL 9.10 Item 1
57mm (2.2 inches)	Transfer roller	Transfer roller	PL 7.35 Item 19
126mm (4.9 inches)	Heat roller	Fuser assembly	PL 10.26 Item 13
155mm (6.1 inches)	Pressure roller	Fuser assembly	PL 10.26 Item 23

Table 2 Defect distance (4250/4260)

Defect distance	Roller	Component	Parts List Ref.
94mm (3.7 inches)	Xerographic drum	Xerographic module	PL 9.10 Item 1
38mm (1.5 inches)	Charge roller	Xerographic module	PL 9.10 Item 1
44mm (1.7 inches)	Supply roller	Xerographic module	PL 9.10 Item 1
57mm (2.2 inches)	Transfer roller	Transfer roller	PL 7.35 Item 19
126mm (4.9 inches)	Heat roller	Fuser assembly	PL 10.30 Item 10
155mm (6.1 inches)	Pressure roller	Fuser assembly	PL 10.30 Item 31

2. Install new components as necessary.

IQ15 Different Image Density (Left and Right) RAP

Use this RAP when the printed sheets have different areas of image density across the process direction. An example is shown in Figure 1.

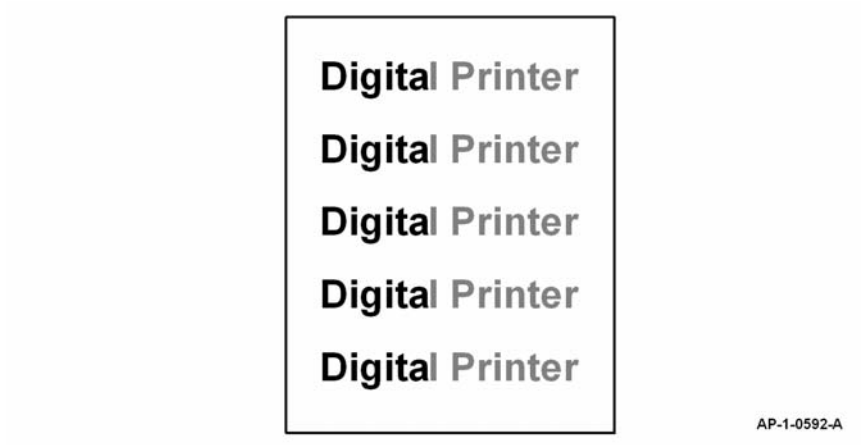


Figure 1 Image density

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Perform the following:

1. The transfer roller pressure may be unbalanced. Check the spring pressure at each end, PL 7.35 Item 22 and PL 7.35 Item 26. Install new components as necessary, PL 7.35.
2. Shake the toner cartridge to evenly distribute the toner. If necessary, install a new toner cartridge, PL 9.10 Item 2.
3. Make 10 blank copies to clean the xerographic drum. If necessary, install a new xerographic module, PL 9.10 Item 1.
4. Perform ADJ 14.1 Shading Adjustment.

IQ16 Horizontal Bands RAP

Use this RAP when the image has bands appearing across the process direction. An example is shown in Figure 1.

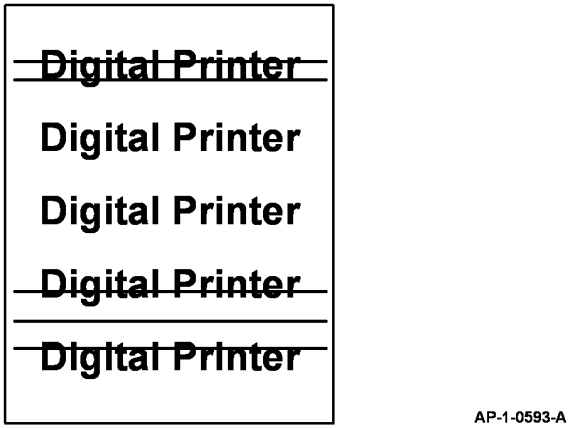


Figure 1 Horizontal bands

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Perform the following:

1. Check the spring contacts in the terminal assembly, PL 4.15 Item 13. The spring contacts supply the voltages to the xerographic module and the side cover assembly. If necessary, clean the spring contacts. If necessary, install a new terminal assembly, PL 4.15 Item 13.
2. Make 10 blank copies to clean the xerographic drum. If necessary, install a new xerographic module, PL 9.10 Item 1.
3. Measure the distance between the image and the defect. Refer to Table 1 (4150) or Table 2 (4250/4260) to determine the possible cause of the defect.

Table 1 Defect distance (4150)

Defect distance	Roller	Component	Parts List Ref.
94mm (3.7 inches)	Xerographic drum	Xerographic module	PL 9.10 Item 1
38mm (1.5 inches)	Charge roller	Xerographic module	PL 9.10 Item 1
44mm (1.7 inches)	Supply roller	Xerographic module	PL 9.10 Item 1
57mm (2.2 inches)	Transfer roller	Transfer roller	PL 7.35 Item 19
126mm (4.9 inches)	Heat roller	Fuser assembly	PL 10.26 Item 13
155mm (6.1 inches)	Pressure roller	Fuser assembly	PL 10.26 Item 23

Table 2 Defect distance (4250/4260)

Defect distance	Roller	Component	Parts List Ref.
94mm (3.7 inches)	Xerographic drum	Xerographic module	PL 9.10 Item 1
38mm (1.5 inches)	Charge roller	Xerographic module	PL 9.10 Item 1
44mm (1.7 inches)	Supply roller	Xerographic module	PL 9.10 Item 1
57mm (2.2 inches)	Transfer roller	Transfer roller	PL 7.35 Item 19
126mm (4.9 inches)	Heat roller	Fuser assembly	PL 10.30 Item 10
155mm (6.1 inches)	Pressure roller	Fuser assembly	PL 10.30 Item 31

4. Install new components as necessary.
5. **(4150)** Check the condition of the fuser assembly. Install new components as necessary, PL 10.25 and PL 10.26.
6. **(4250/4260)** Check the condition of the fuser assembly. Install new components as necessary, PL 10.28 and PL 10.30.
7. Perform the OF5 Main PWB Check RAP.

IQ17 Periodic Printing Defects Check RAP

Use this RAP when the printed image shows regular patterns in black or white, across the process direction.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

1. Make 10 blank copies to clean the xerographic drum. If necessary, install a new xerographic module, PL 9.10 Item 1.
2. Measure the distance between the repeated black or white abnormality. Refer to Table 1 (4150) or Table 2 (4250/4260) to identify the possible cause.

Table 1 Defect distance (4150)

Defect distance	Kind of abnormal image	Roller	Component	Parts List Ref.
94mm (3.7 inches)	White spot. Black spot	Xerographic drum	Xerographic module	PL 9.10 Item 1
38mm (1.5 inches)	White spot. Black spot	Charge roller	Xerographic module	PL 9.10 Item 1
44mm (1.7 inches)	Horizontal dark band	Supply roller	Xerographic module	PL 9.10 Item 1
57mm (2.2 inches)	Black spot, White spot	Transfer roller	Transfer roller	PL 7.35 Item 19
126mm (4.9 inches)	Black spot, White spot	Heat roller	Fuser assembly	PL 10.26 Item 13
155mm (6.1 inches)	Back side contamination	Pressure roller	Fuser assembly	PL 10.26 Item 23

Table 2 Defect distance (4250/4260)

Defect distance	Kind of abnormal image	Roller	Component	Parts List Ref.
94mm (3.7 inches)	White spot. Black spot	Xerographic drum	Xerographic module	PL 9.10 Item 1
38mm (1.5 inches)	White spot. Black spot	Charge roller	Xerographic module	PL 9.10 Item 1
44mm (1.7 inches)	Horizontal dark band	Supply roller	Xerographic module	PL 9.10 Item 1
57mm (2.2 inches)	Black spot, White spot	Transfer roller	Transfer roller	PL 7.35 Item 19
126mm (4.9 inches)	Black spot, White spot	Heat roller	Fuser assembly	PL 10.30 Item 10
155mm (6.1 inches)	Back side contamination	Pressure roller	Fuser assembly	PL 10.30 Item 31

3. Install new components as necessary.
4. If the defect appears to be fuser related, ensure that the paper tray settings match the paper or media size in the trays. Also, ensure the media is within specification. Refer to GP 9 Paper and Media Specifications.

IQ18 DADF Lead Edge Offset RAP

Use this RAP when copies from the DADF have lead edge offset.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Go to the relevant procedure:

- 4150 Checkout
- 4250/4260 Checkout

4150 Checkout

Refer to Wiring Diagram 11. Perform the following:

1. Open the DADF top cover assembly, PL 5.15 Item 11.
2. Check the document path for damage or obstructions.
3. Check that the following components are clean and rotate freely.
   - Registration roll, PL 5.15 Item 21.
   - Registration roll idlers, PL 5.15 Item 28.
4. Check that the registration sensor actuator, PL 5.15 Item 12 moves freely and is not damaged.
5. Enter dC330 code 05-130. Check the registration sensor (Q05-130), PL 5.15 Item 14. If necessary, install a new registration sensor, PL 5.15 Item 14.
6. Enter dC131 code 05-100. Adjust the offset as necessary.
7. If the defect is still present, install a new document transport assembly, PL 5.15 Item 1.

4250/4260 Checkout

Refer to Wiring Diagram 29. Perform the following:

1. Open the DADF top cover assembly, PL 5.30 Item 2.
2. Check the document path for damage or obstructions.
3. Check that the following components are clean and rotate freely.
   - Transport idlers, PL 5.45 Item 11.
   - CVT roll, PL 5.50 Item 19.
   - CVT roll upper idlers, PL 5.40 Item 15.
   - CVT roll lower idlers, PL 5.35 Item 8.
4. Check that the registration sensor actuator, PL 5.40 Item 18 moves freely and is not damaged.
5. Enter dC330 code 05-130. Check the registration sensor (Q05-130), PL 5.40 Item 17. If necessary, install a new registration sensor, PL 5.40 Item 17.
6. Enter dC131 code 05-100. Adjust the offset as necessary.
7. If the defect is still present, install a new document transport assembly, PL 5.30 Item 26.

IQ19 Poor Registration RAP

Use this RAP when the copies are poorly registered.

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Perform the following:

1. Check that the paper guides in all trays are correctly positioned. Check that the DADF document guides are correctly positioned.
2. Make a duplex copy from each paper tray.
3. Check the copies. If all the copies have poor side registration, perform the following:
   a. Remove the DADF, refer to REP 5.1 (4150) or REP 5.3 (4250/4260). Check the DADF counterbalances for damage. Install new components as necessary, PL 5.10 (4150) or PL 5.35 (4250/4260).
   b. Adjust the DADF side edge registration. Go to ADJ 5.1 DADF Side Edge Registration Adjustment.
4. If the copy from a tray is poor, perform the relevant procedure:
   - ADJ 8.1 Lead Edge Registration Adjustment.
   - ADJ 8.2 Side Edge Registration Adjustment.

IQ20 Image Displacement RAP

Use this RAP when the copies are displaced, left to right as shown in Figure 1.

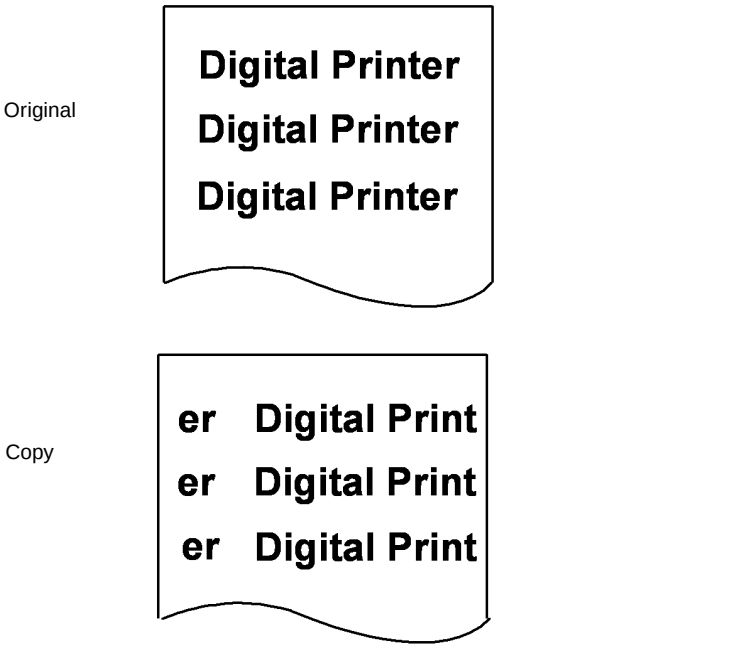


Figure 1 Image displacement

Procedure

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

Perform the following:

1. Install a new LSU, PL 6.10 Item 1.
2. If the defect remains, perform the OF5 Main PWB Check RAP.

IQS 1 Solid Area Density

Documents

Test pattern: 82P524 and the solid area density scales, 82E8230 (SIR 542.00) or 82P448 (SIR 494.00).

Specification

Make a copy of the test pattern. Compare the copy with the solid area density scale. The density of the 1.0 areas on the copy of the test pattern, must be as dark or darker than the 0.8 reference on the solid area density scale. Refer to Figure 1.

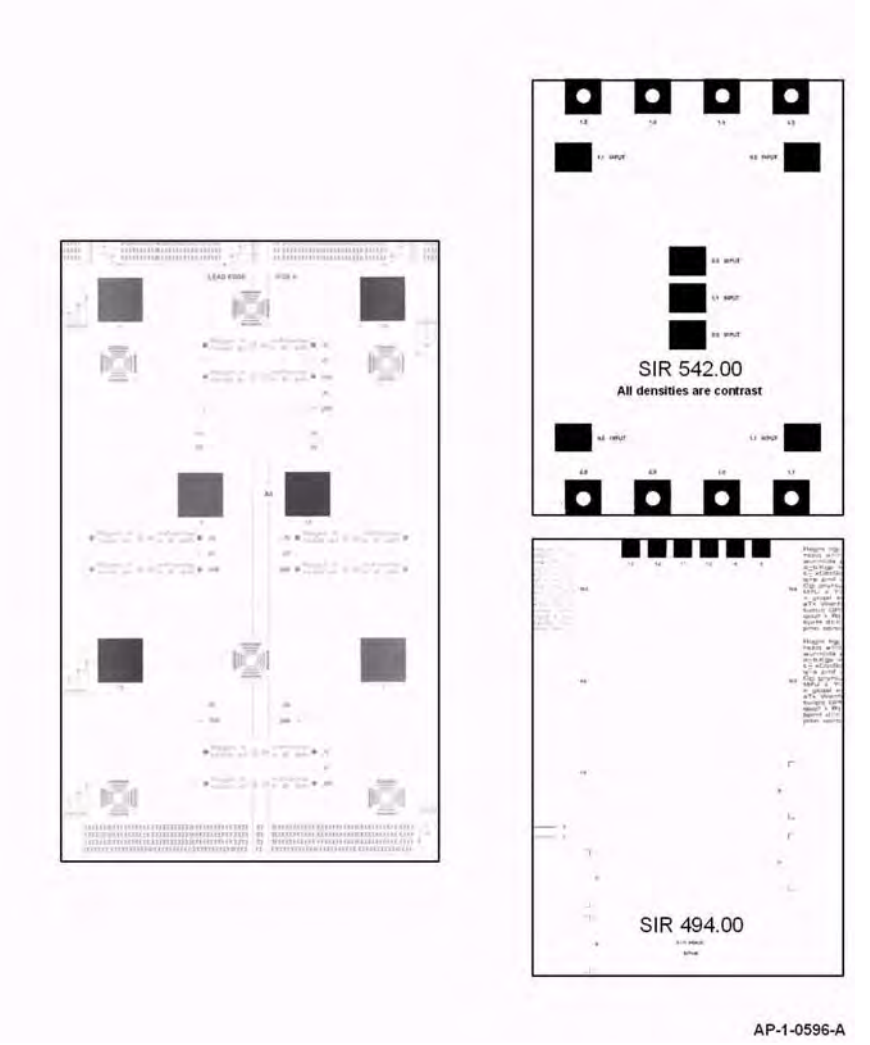


Figure 1 Solid area density

Corrective Action

Go to the IQ1 Image Quality Entry RAP.

IQS 2 Skew

Documents

Test pattern: 82P524 (8.5 x 14), 82E2020 (8.5 x 11) or 82E2010 (A4).

NOTE: *Test pattern 82P524 is a mylar document and should be copied from the document glass only.*

Specification

Refer to Table 1.

Table 1 Skew specifications

Skew	Specification
Print Skew	Max: +/-2.5mm (7/64 inch) per 250mm (10 inches) (+/-1%)

IQS 3 Registration

Documents

Test pattern: 82P524 (8.5 x 14), 82E2020 (8.5 x 11) or 82E2010 (A4).

NOTE: *Test pattern 82P524 is a mylar document and should be copied from the document glass only.*

Specifications

Refer to Table 1.

Table 1 Registration measurement

Registration	Specification
Lead edge	4mm (5/32 inches) +/- 3mm (1/8 inches)
Top edge	4mm (5/32 inches) +/- 3mm (1/8 inches)

Corrective Action

Go to the IQ19 Poor Registration RAP.

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REP 1.1 Power Supply Unit 1 and HVPS (4150)

Parts List on PL 1.10

Removal

NOTE: *This procedure should only be performed on the 4150. For the 4250/4260 procedure, refer to the table of contents.*

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the exit tray assembly, PL 28.10 Item 1 or the finisher, REP 12.1.
2. Remove the paper exit cover, PL 28.10 Item 4.
3. Disconnect the following connectors from power supply unit 1 and the HVPS:
   - CN1
   - CON01
   - CON1
   - CON2
   - CON71
   - CON51
4. Remove power supply unit 1 and HVPS assembly, Figure 1.

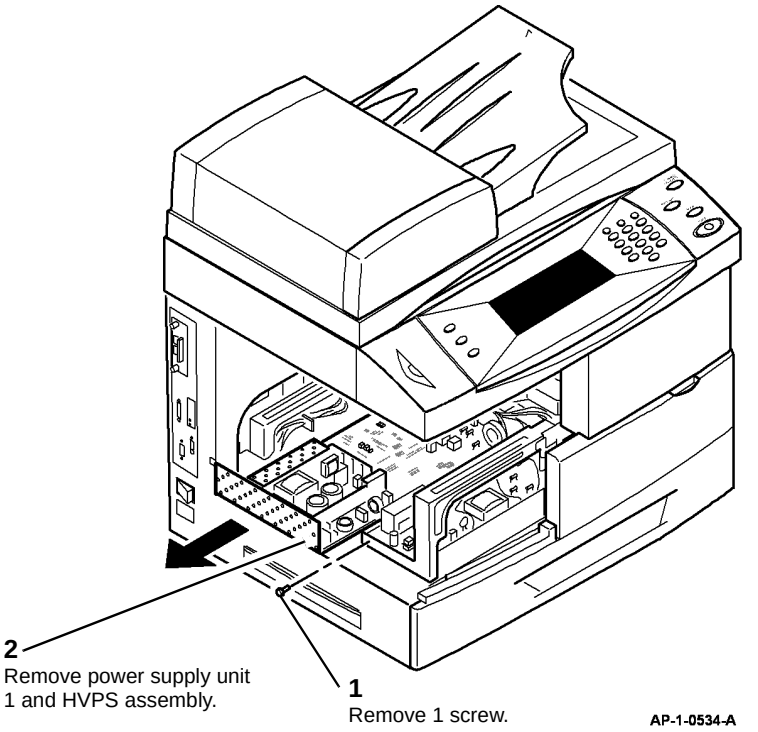

Figure 1 Assembly removal

5. Remove power supply unit 1 from the support cage, PL 1.10 Item 9.
6. Remove HVPS from the support cage, PL 1.10 Item 9.

Replacement

CAUTION

Make sure that the AC connections are correct. The power input harness from the on/off switch has a red male connector. This connects into the blue female connector (CON01) on power supply 1. The power input harness from power supply unit 2 has a white male connector. This connects into the white female connector (CON51) on power supply unit 1.

Replacement is the reverse of the removal procedure.

REP 1.2 Main PWB (4150)

Parts List on PL 1.10

Removal

NOTE: *This procedure should only be performed on the 4150. For the 4250/4260 procedure, refer to the table of contents.*

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

CAUTION

Ensure that E.S.D. procedures are observed during the removal and installation of the main PWB. Make a visual check to ensure that the pins are fully inserted, without being damaged.

1. If a new main PWB is to be installed, go to GP 3 Machine Status. If possible, print the following reports:
   - System Configuration.
   - Local Address Book Members.
   - Group Address Book Members.
2. Remove the rear cover, PL 28.10 Item 6.
3. If installed, remove the OSOK, PL 1.10 Item 26.
4. Remove the SIM PWB, PL 1.10 Item 12.
5. If installed, remove the fax PWB module, PL 1.10 Item 14.
6. Remove the infill cover, PL 1.10 Item 19.
7. If installed, remove the following PWBs from the main PWB:
   - Foreign device interface PWB, PL 1.10 Item 15.
   - NIC PWB, PL 1.10 Item 13.
   - Memory DIMM, PL 1.10 Item 22.
8. Disconnect the HDD PWB, PL 1.10 Item 17.
9. Disconnect the CNs from the main PWB.
10. Remove the main PWB (5 screws).
11. If a new main PWB is to be installed, remove the fax holder, PL 1.10 Item 24 from the old main PWB.
12. If a new main PWB is to be installed, remove the MSOK, PL 1.10 Item 25 from the old main PWB.

Replacement

1. Replacement is the reverse of the removal procedure.
2. If a new main PWB has been installed, perform the following:
   a. Install the fax holder onto the new main PWB.
   b. Install the MSOK onto the main PWB.
   c. Use the information on the printed lists to re-enter the customers settings. Refer to GP 4 System Administration Tools.

REP 1.3 Power Supply Unit 2 (4150)

Parts List on PL 1.10

Removal

NOTE: *This procedure should only be performed on the 4150. For the 4250/4260 procedure, refer to the table of contents.*

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the exit tray assembly, PL 28.10 Item 1 or the finisher, REP 12.1.
2. Remove the paper exit cover, PL 28.10 Item 4.
3. Remove tray 1.
4. Remove the toner cartridge, PL 9.10 Item 2 then the xerographic module, PL 9.10 Item 1.
5. Remove the front door assembly, Figure 1.

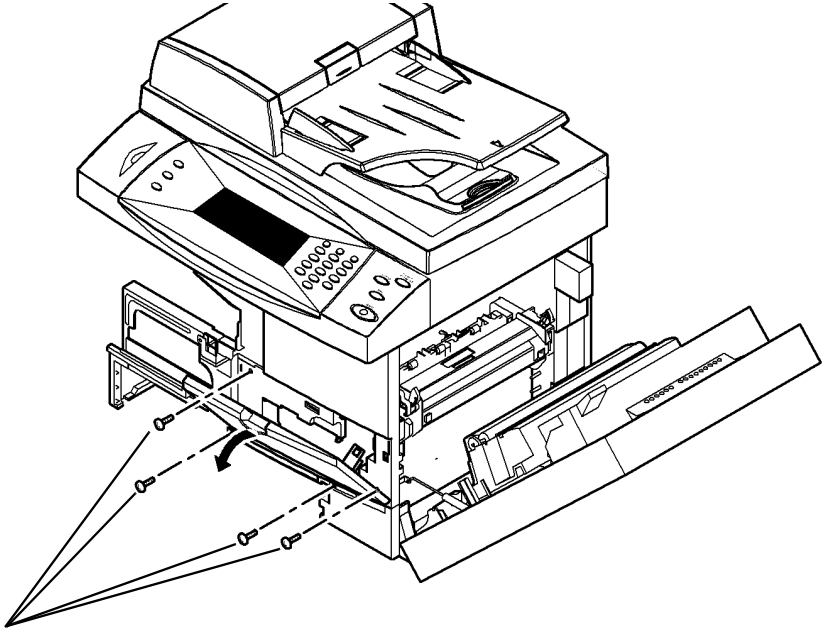

Figure 1 Front door removal

6. Remove the front infill cover, PL 28.10 Item 9.
7. Remove the power supply cover, PL 1.10 Item 28.
8. Disconnect the following connectors from power supply unit 2:

   CAUTION

   The connectors CON8 and CON9 are identical. Put an identifying mark on the connectors before they are disconnected.

   - CON3
   - CON4
   - CON7
   - CON8
   - CON9
9. Remove power supply unit 2, Figure 2.

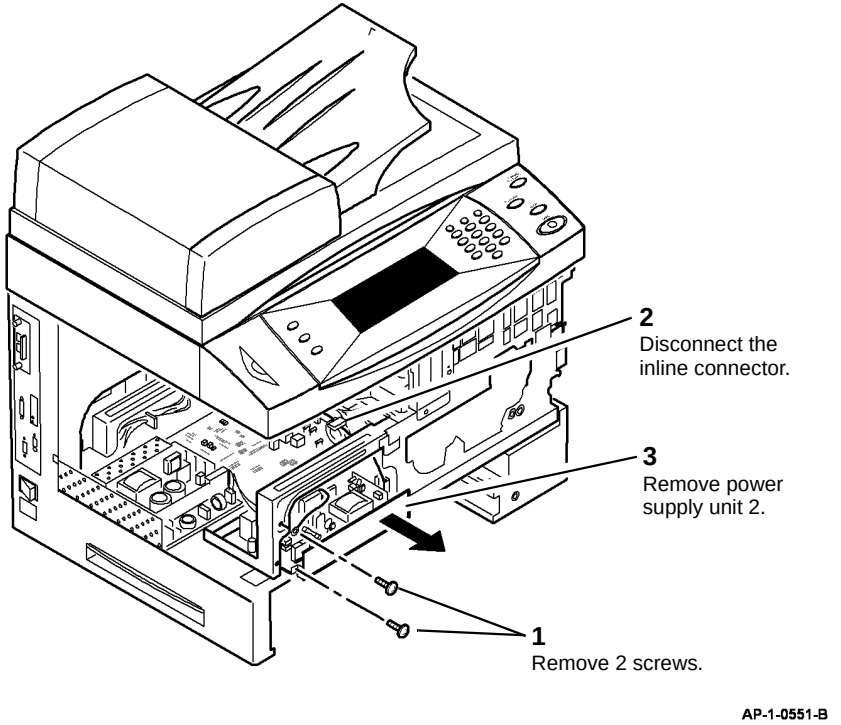

Figure 2 Power supply unit 2 removal

10. Remove power supply 2 from the support cage, PL 1.10 Item 10.

Replacement

1. Replacement is the reverse of the removal procedure.
2. Ensure connectors CON8 and CON9 are connected correctly.

REP 1.4 Power Supply Unit 1 and HVPS (4250/4260)

Parts List on PL 1.15

Removal

NOTE: *This procedure should only be performed on the 4250/4260. For the 4150 procedure, refer to the table of contents.*

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the exit tray assembly, PL 28.10 Item 1 or the finisher, REP 12.1.
2. Remove the paper exit cover, PL 28.10 Item 4.
3. Disconnect the following connectors from power supply unit 1 and the HVPS:
   - CN01
   - CON51
   - CON71
   - CON1
   - CON2
   - CON3

4. Remove power supply unit 1 and HVPS assembly, Figure 1.

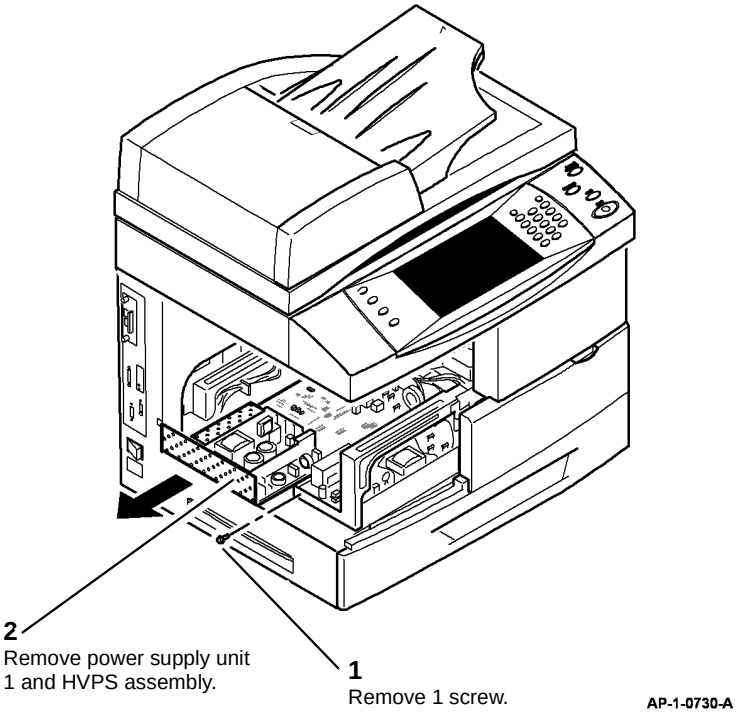

Figure 1 Assembly removal

5. Remove power supply unit 1 from the support cage, PL 1.15 Item 3.
6. Remove the HVPS from the support cage, PL 1.15 Item 2.

Replacement

Replacement is the reverse of the removal procedure.

REP 1.5 Main PWB (4250/4260)

Parts List on PL 1.15

Removal

NOTE: *This procedure should only be performed on the 4250/4260. For the 4150 procedure, refer to the table of contents.*

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

CAUTION

Ensure that E.S.D. procedures are observed during the removal and installation of the main PWB. Make a visual check to ensure that the pins are fully inserted, without being damaged.

1. If a new main PWB is to be installed, go to GP 3 Machine Status. If possible, print the following reports:
   - System Configuration.
   - Local Address Book Members.
   - Group Address Book Members.
2. Remove the rear cover, PL 28.10 Item 6.
3. If installed, remove the OSOK, PL 1.15 Item 23.
4. Remove the SIM PWB, PL 1.15 Item 12.
5. If installed, remove the fax PWB module, PL 1.15 Item 14.
6. If installed, remove the following PWBs from the main PWB:
   - Foreign device interface PWB, PL 1.15 Item 15.
   - Memory DIMM, PL 1.15 Item 22.
7. Disconnect the CNs from the main PWB.
8. Remove the main PWB (6 screws).
9. If a new main PWB is to be installed, remove the fax holder, PL 1.15 Item 24 from the old main PWB.
10. If a new main PWB is to be installed, remove the MSOK, PL 1.15 Item 25 from the old main PWB.

Replacement

NOTE: *The 4250 and later 4260 main PWBs are common. CN39 is not connected on 4260. CN4 is not connected on 4250.*

1. Replacement is the reverse of the removal procedure.
2. If a new main PWB has been installed, perform the following:
   a. Install the fax holder onto the new main PWB.
   b. Install the MSOK onto the main PWB.
   c. Use the information on the printed lists to re-enter the customers settings. Refer to GP 4 System Administration Tools.
   d. If necessary, re-enter the machine serial number, refer to GP 21 Set Machine Serial Number.

      NOTE: *Re-entering the machine serial number is not necessary if the original MSOK is reinstalled.*

REP 1.6 Power Supply Unit 2 (4250/4260)

Parts List on PL 1.15

Removal

NOTE: *This procedure should only be performed on the 4250/4260. For the 4150 procedure, refer to the table of contents.*

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the exit tray assembly, PL 28.10 Item 1 or the finisher, REP 12.1.
2. Remove the paper exit cover, PL 28.10 Item 4.
3. Remove tray 1.
4. Remove the toner cartridge, PL 9.10 Item 2 then the xerographic module, PL 9.10 Item 1.
5. Remove the front door assembly, Figure 1.

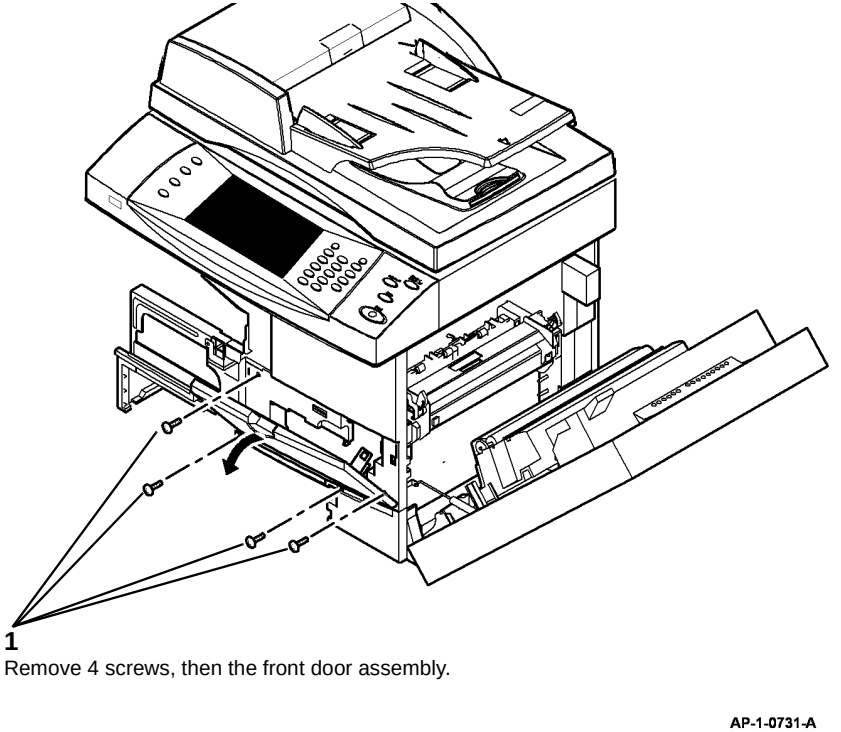

Figure 1 Front door removal

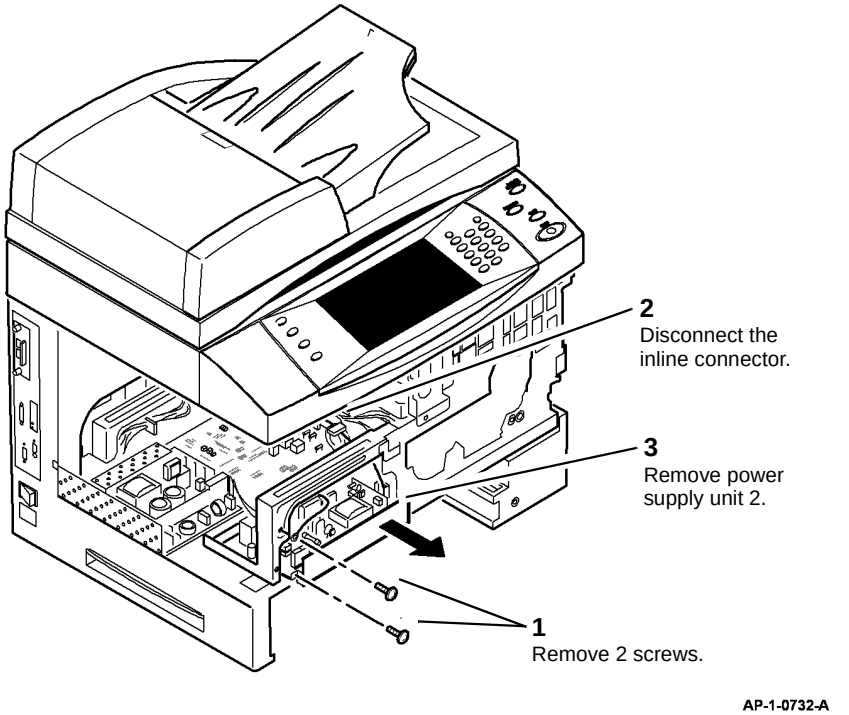

Figure 2 Power supply unit 2 removal

6. Remove the front infill cover, PL 28.10 Item 9.
7. Remove the power supply cover, PL 1.15 Item 21.
8. Disconnect the following connectors from power supply unit 2:
   - CON1
   - CON2
   - CON3
   - CON4
9. Remove power supply unit 2, Figure 2.
10. Remove power supply 2 from the support cage, PL 1.15 Item 10.

Replacement

Replacement is the reverse of the removal procedure.

REP 2.1 User Interface Assembly (4150)

Parts List on PL 2.10

Removal

NOTE: *This procedure should only be performed on the 4150. For the 4250/4260 procedure, refer to the table of contents.*

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the UI inlay, Figure 1.

   NOTE: *The UI inlay is secured by 4 clips. Two on each front corner.*

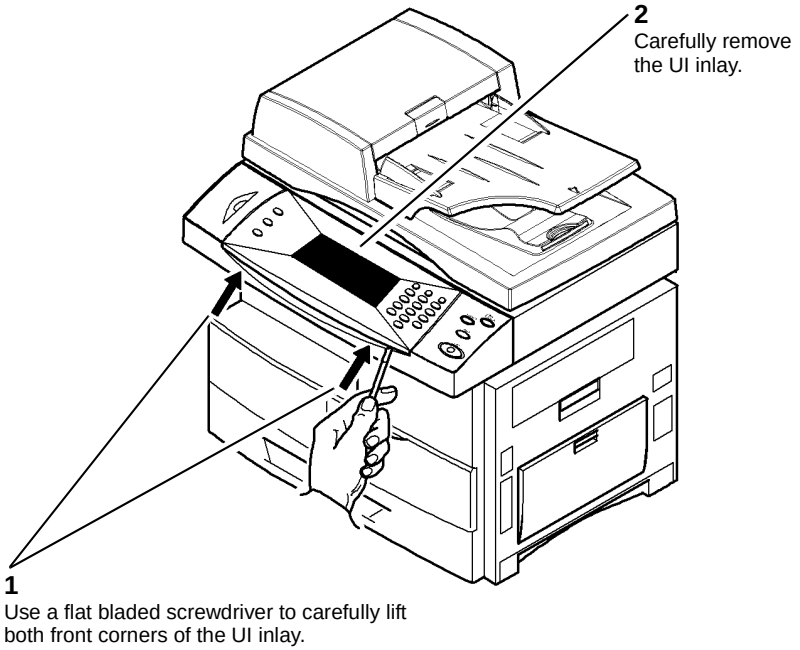

Figure 1 UI inlay removal

2. Remove the UI assembly, Figure 2.

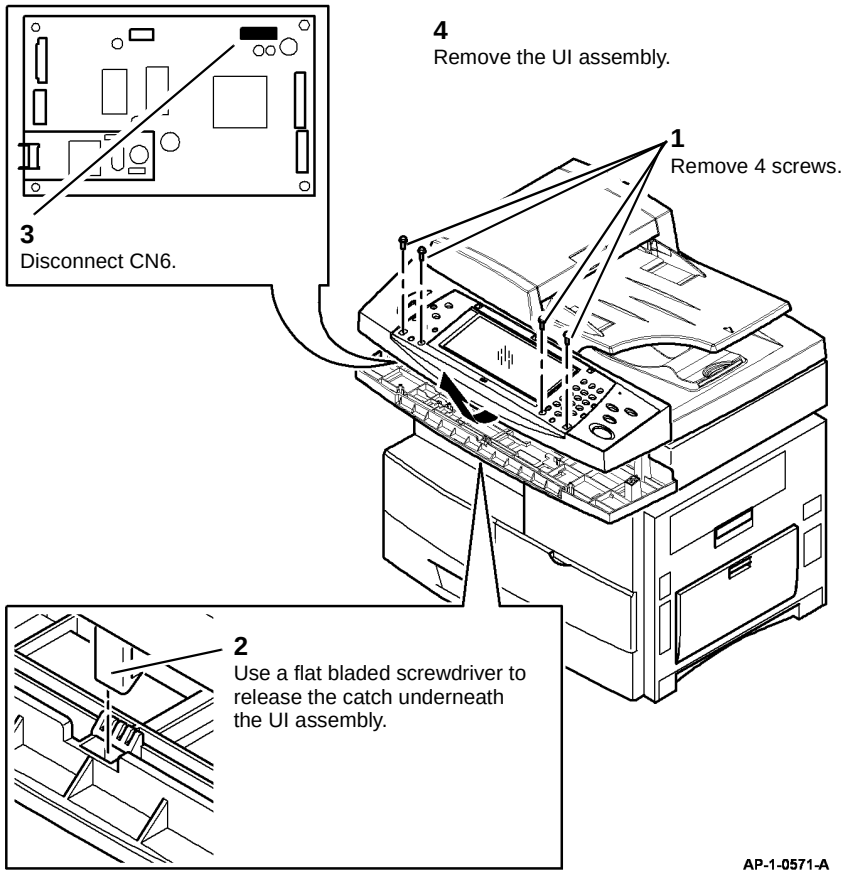

Figure 2 UI assembly removal

Replacement

1. Replacement is the reverse of the removal procedure.
2. If a new UI assembly has been installed, calibrate the touch screen. Refer to GP 12 User Interface Tests Description.

REP 2.2 User Interface Assembly (4250/4260)

Parts List on PL 2.12

Removal

NOTE: *This procedure should only be performed on the 4250/4260. For the 4150 procedure, refer to the table of contents.*

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the UI inlay, Figure 1.

   NOTE: *The UI inlay is secured by 2 clips. One on each front corner.*

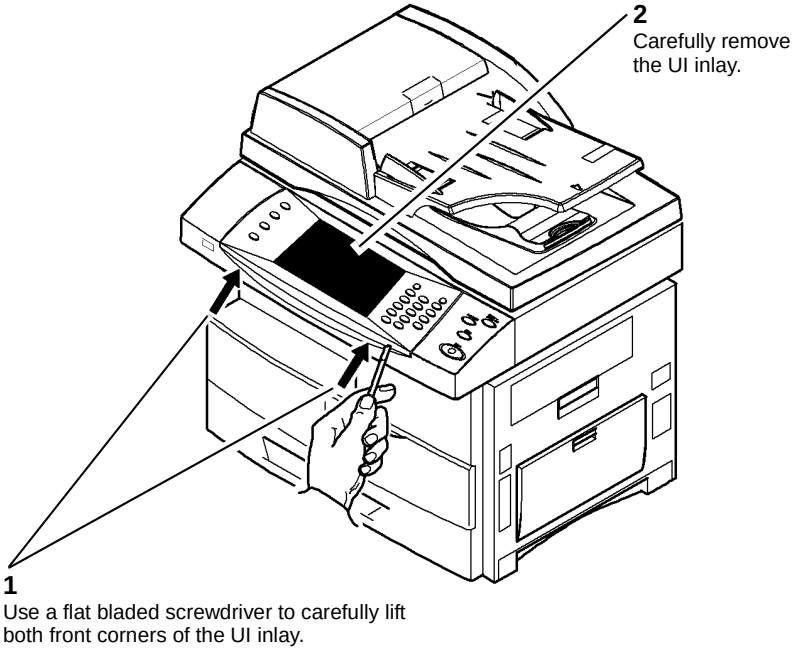

Figure 1 UI inlay removal

2. Carefully remove the housing panel, PL 2.12 Item 10.
3. Remove the UI assembly, Figure 2.

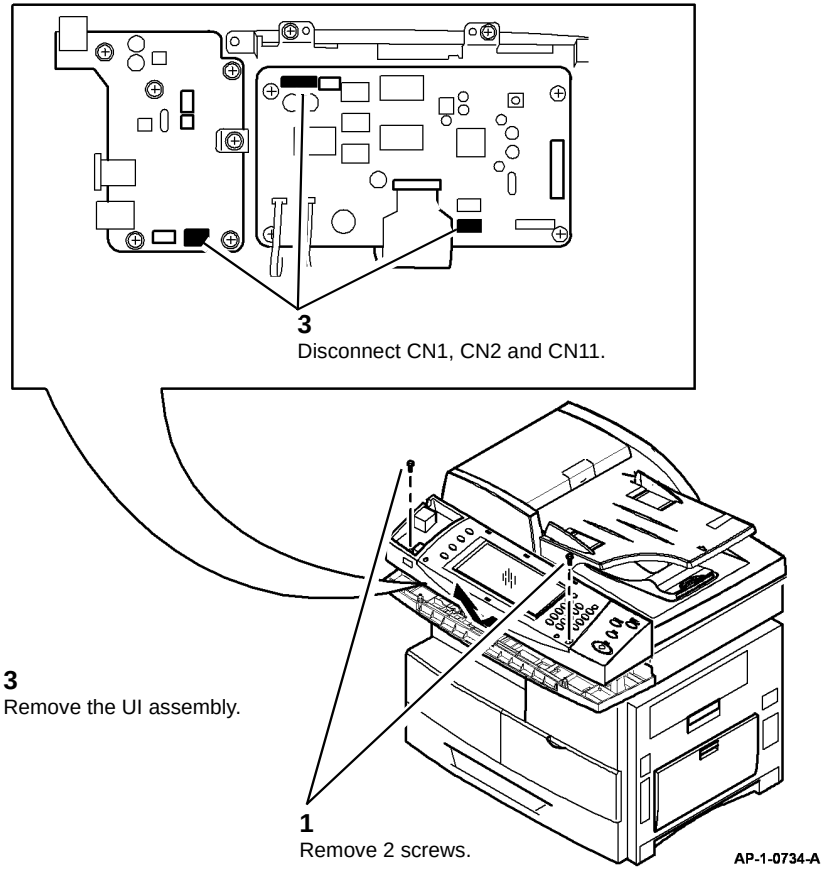

Figure 2 UI assembly removal

Replacement

1. Replacement is the reverse of the removal procedure.
2. If a new UI assembly has been installed, calibrate the touch screen. Refer to GP 12 User Interface Tests Description.

REP 4.1 Main Drive Assembly (4150)

Parts List on PL 4.20

Removal

NOTE: *This procedure should only be performed on the 4150. For the 4250/4260 procedure, refer to the table of contents.*

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the rear cover, PL 28.10 Item 6.
2. Remove the toner cartridge, PL 9.10 Item 2 then the xerographic module, PL 9.10 Item 1.
3. Open the side cover assembly, PL 7.30 Item 1.
4. Remove the rear LSU fan duct, PL 6.10 Item 4.

CAUTION

Take care when the clutches are removed. The wiring to the clutches is thin and easily broken. If necessary, carefully disconnect each clutch.

5. Prepare to remove the main drive assembly, Figure 1.

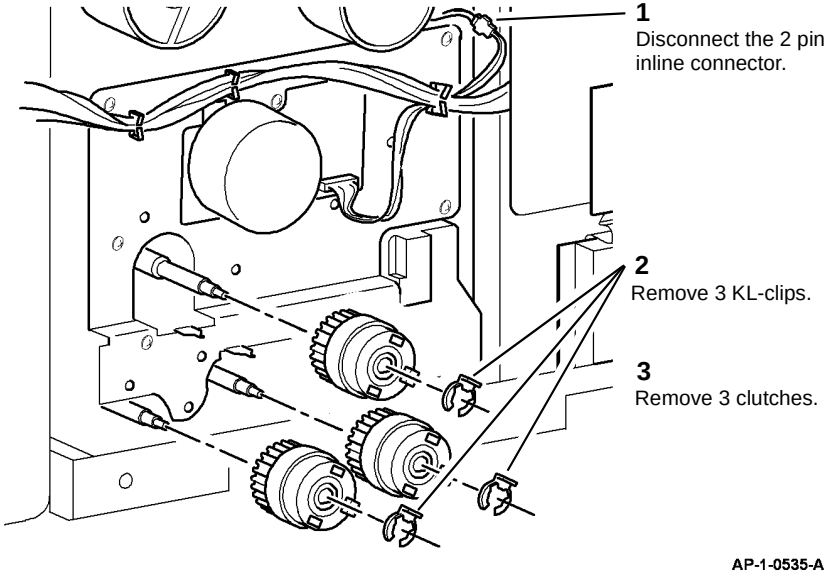

Figure 1 Preparation

6. Release all harnesses from the cable clamps on the main drive assembly.
7. Remove the main drive assembly, Figure 2.

NOTE: *The position of each screw is numbered 1 to 7 on the main drive plate. Remove the screws in reverse numerical order.*

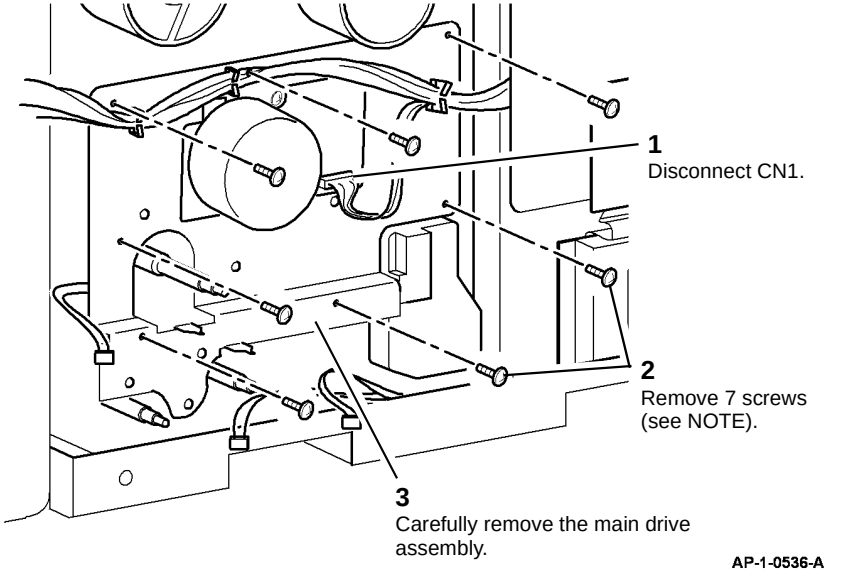

Figure 2 Main drive assembly removal

Replacement

1. Replacement is the reverse of the removal procedure.
2. The 7 screws that secure the main drive assembly must be installed in numerical order.
3. Ensure that the clutches are installed in the correct position, refer to Figure 3.

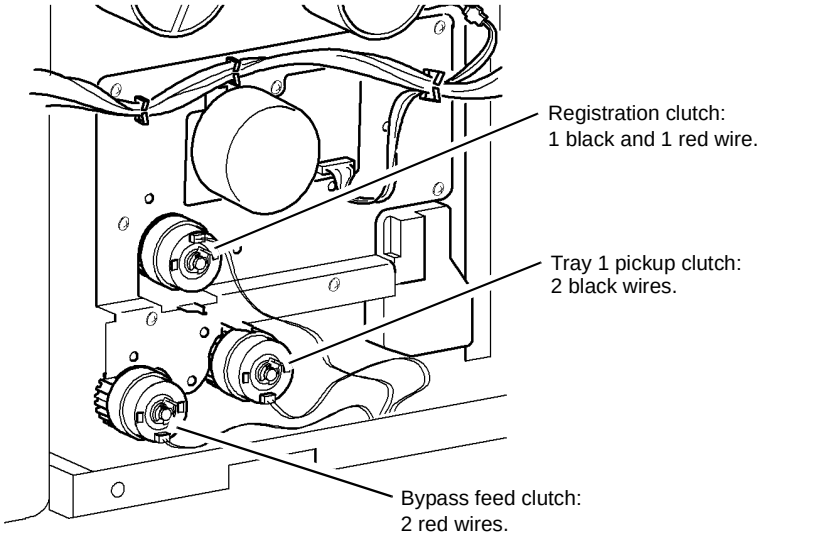

Figure 3 Clutch placement

REP 4.2 Rear Exit Cover

Parts List on PL 28.10

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the DADF. Refer to:
   - (4150) REP 5.1
   - (4250/4260) REP 5.3
2. Remove the scanner assembly, (4150) REP 14.1 or (4250/4260) REP 14.3.
3. If installed, remove the fax PWB module, (4150) PL 1.10 Item 14 or (4250/4260) PL 1.15 Item 14.
4. Remove the infill cover, (4150) PL 1.10 Item 19 or (4250/4260) PL 1.15 Item 19.
5. Remove the rear exit cover, Figure 1.

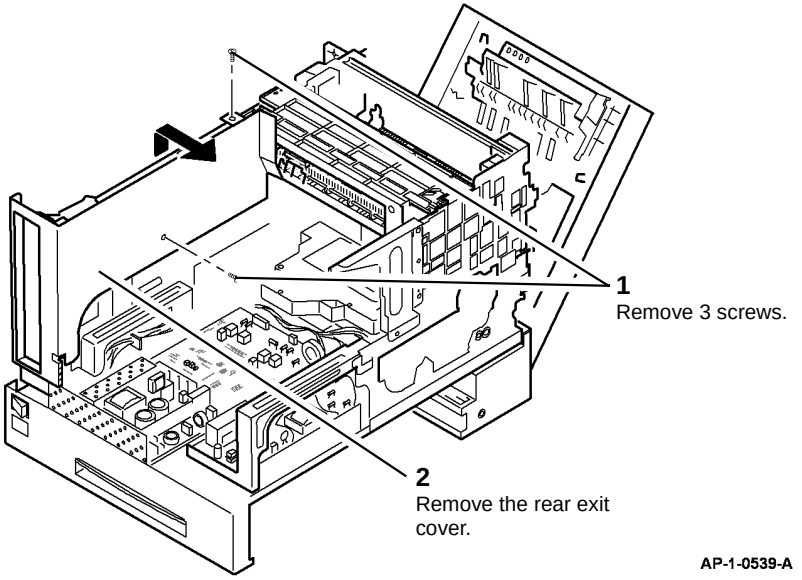

Figure 1 Rear exit cover removal

Replacement

Replacement is the reverse of the removal procedure.

REP 4.3 Main Drive Assembly (4250/4260)

Parts List on PL 4.25

Removal

NOTE: *This procedure should only be performed on the 4250/4260. For the 4150 procedure, refer to the table of contents.*

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the rear cover, PL 28.10 Item 6.
2. Remove the toner cartridge, PL 9.10 Item 2 then the xerographic module, PL 9.10 Item 1.
3. Open the side cover assembly, PL 7.30 Item 1.
4. Remove the rear LSU fan duct, PL 6.10 Item 4.

CAUTION

Take care when the clutches are removed. The wiring to the clutches is thin and easily broken. If necessary, carefully disconnect each clutch.

5. Prepare to remove the main drive assembly, Figure 1.

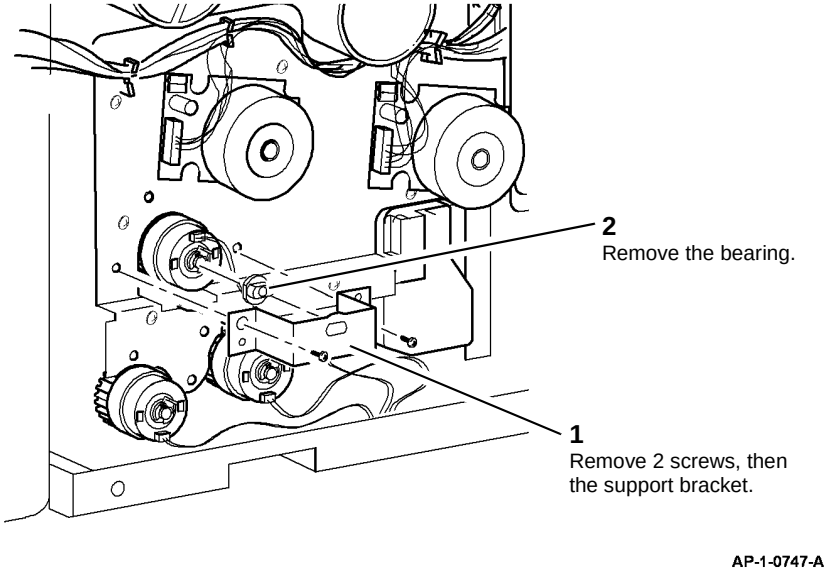

Figure 1 Preparation

6. Remove the clutches, Figure 2.

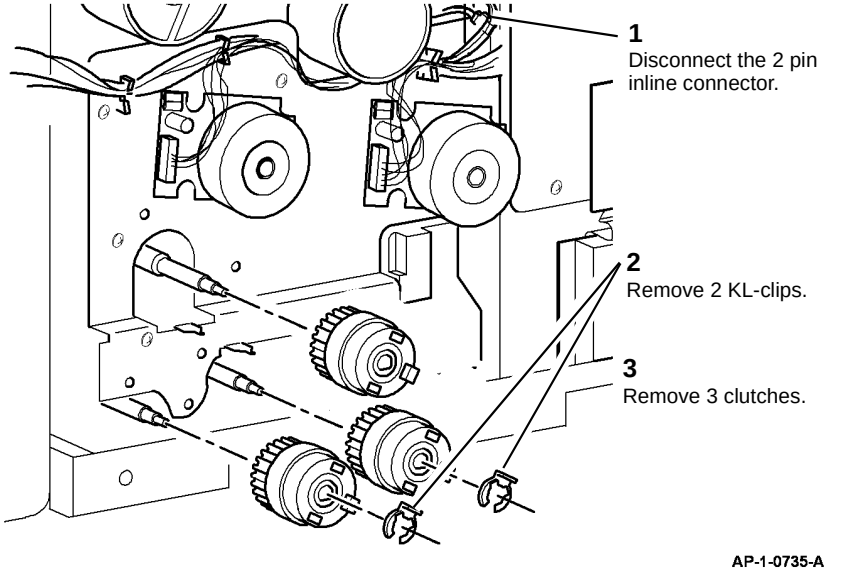

Figure 2 Clutch removal

7. Release all harnesses from the cable clamps on the main drive assembly.

8. Remove the main drive assembly, Figure 3.

NOTE: *The position of each screw is numbered 1 to 7 on the main drive plate. Remove the screws in reverse numerical order.*

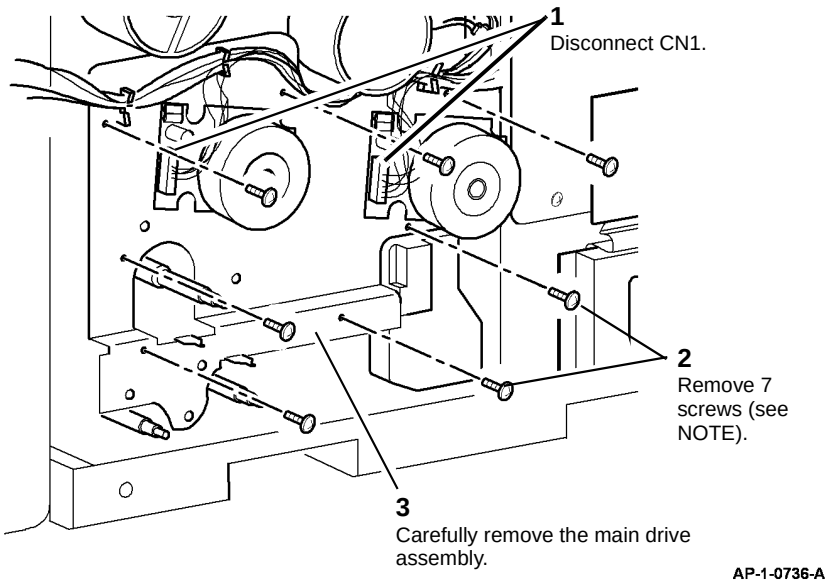

Figure 3 Main drive assembly removal

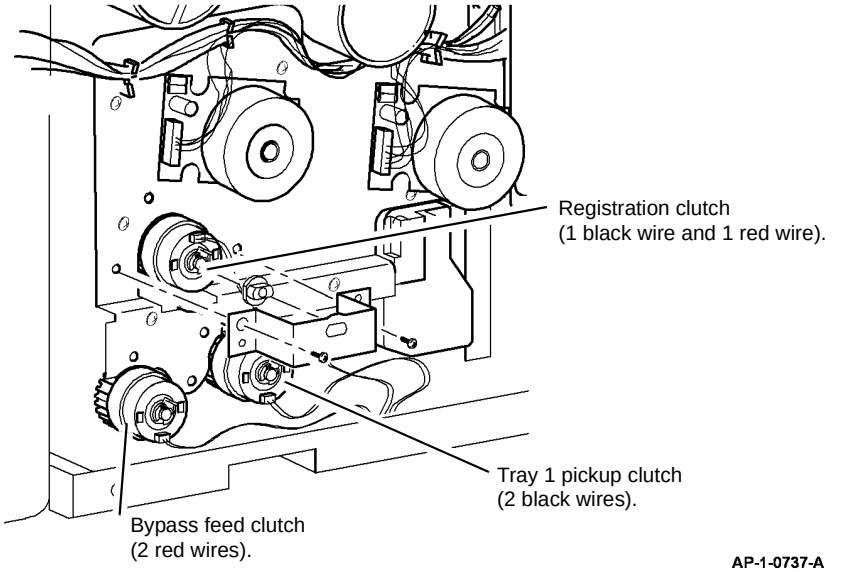

Figure 4 Clutch placement

Replacement

1. Replacement is the reverse of the removal procedure.
2. The 7 screws that secure the main drive assembly must be installed in numerical order.
3. Ensure that the clutches are installed in the correct position, refer to Figure 4.

REP 5.1 DADF (4150)

Parts List on PL 5.10, PL 5.15, PL 5.20 and PL 5.25

Purpose

This procedure is used to repair the following components:

NOTE: *Only perform the steps that are necessary to repair the damaged component.*

- DADF, PL 5.10 Item 1.
- Front cover, PL 5.10 Item 3.
- Rear cover, PL 5.10 Item 4.
- Input tray, PL 5.10 Item 5.
- Top cover assembly, PL 5.15 Item 11.
- Duplex guide, PL 5.15 Item 23.
- Upper feed assembly, PL 5.15 Item 6.
- Document transport assembly, PL 5.10 Item 2.
- Lower feed assembly, PL 5.20 Item 11.
- Duplex gate, PL 5.25 Item 25.
- DADF scan motor assembly, PL 5.25 Item 10.
- DADF scan motor, PL 5.25 Item 12.
- DADF duplex motor assembly, PL 5.25 Item 5.
- Exit assembly, PL 5.20 Item 26.
- Gear, PL 5.25 Item 20.
- Clutch shaft, PL 5.25 Item 21.

Removal

NOTE: *This procedure should only be performed on the 4150. For the 4250/4260 procedures, refer to the table of contents.*

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Disconnect the DADF communication harness, Figure 1.

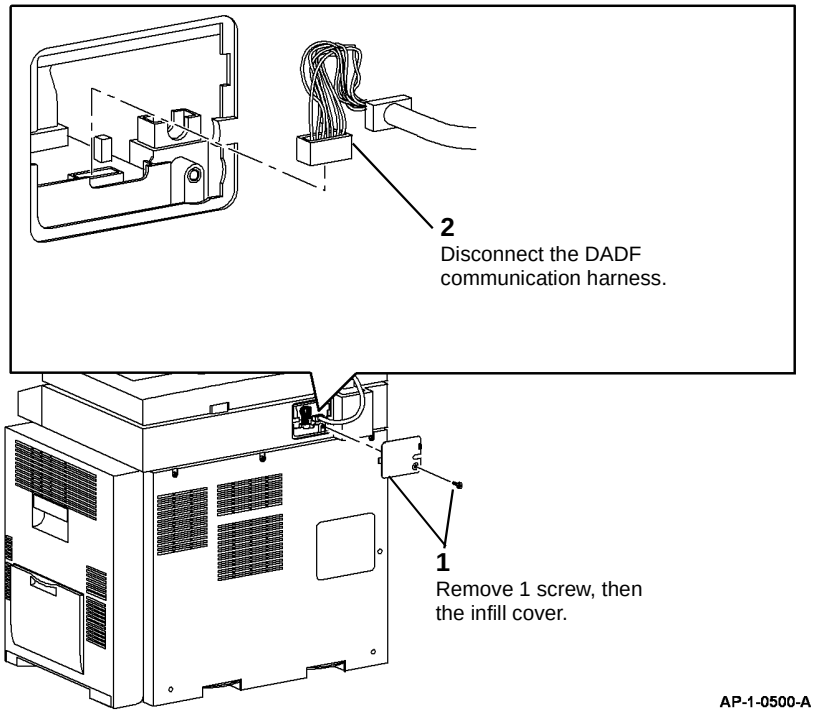

Figure 1 DADF communication harness

2. Raise the DADF.

WARNING

Do not remove the DADF while the DADF is lowered. In the lowered position the counterbalance springs are compressed and can cause injury when released.

3. Remove the DADF, Figure 2. Place the DADF on a solid flat surface.

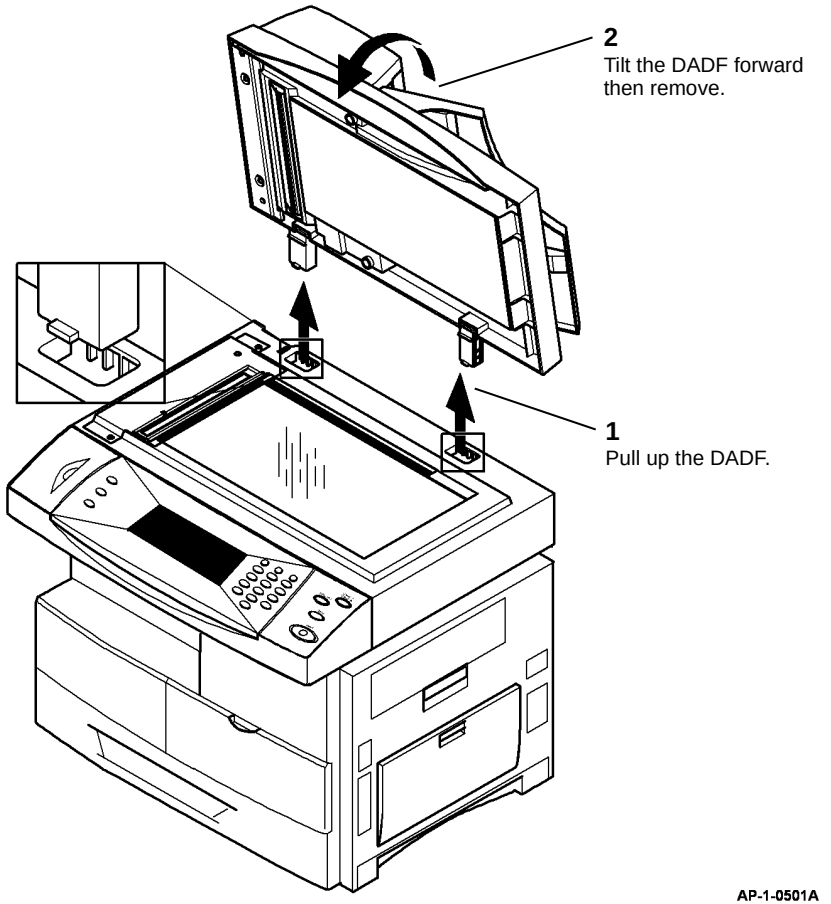

Figure 2 DADF removal

4. Open the top cover assembly, Figure 3.

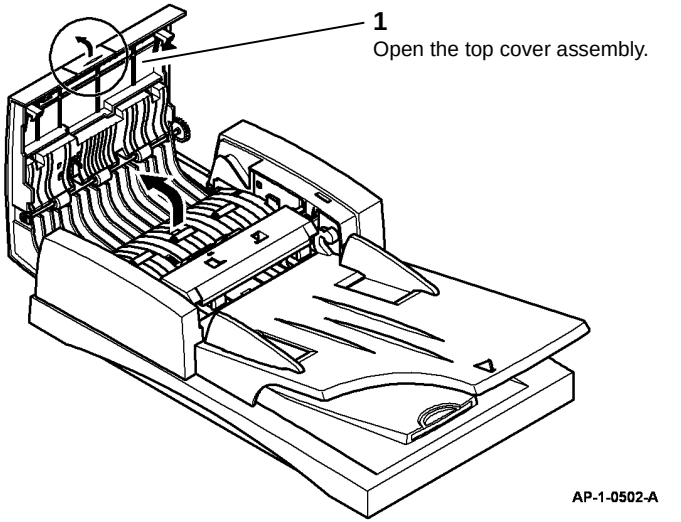

Figure 3 Top cover assembly

5. Remove the front cover, Figure 4.

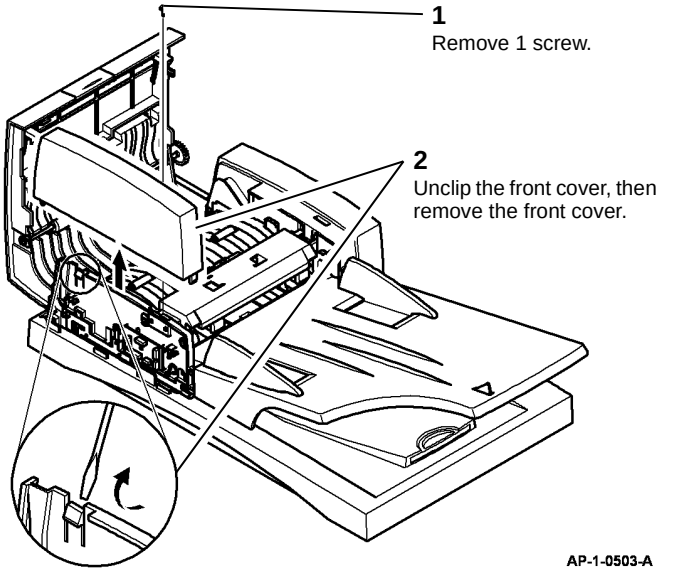

Figure 4 Front cover removal

6. Remove the rear cover, Figure 5.

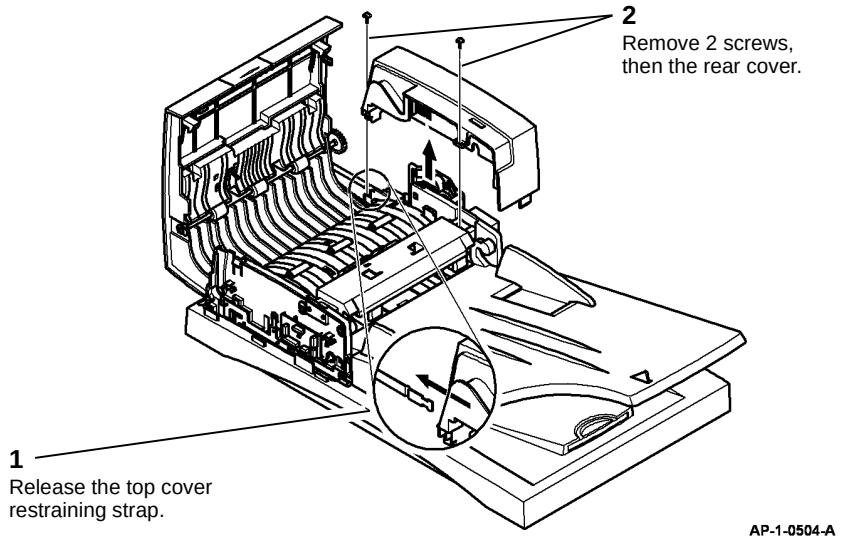

Figure 5 Rear cover removal

7. Remove the input tray, Figure 6.

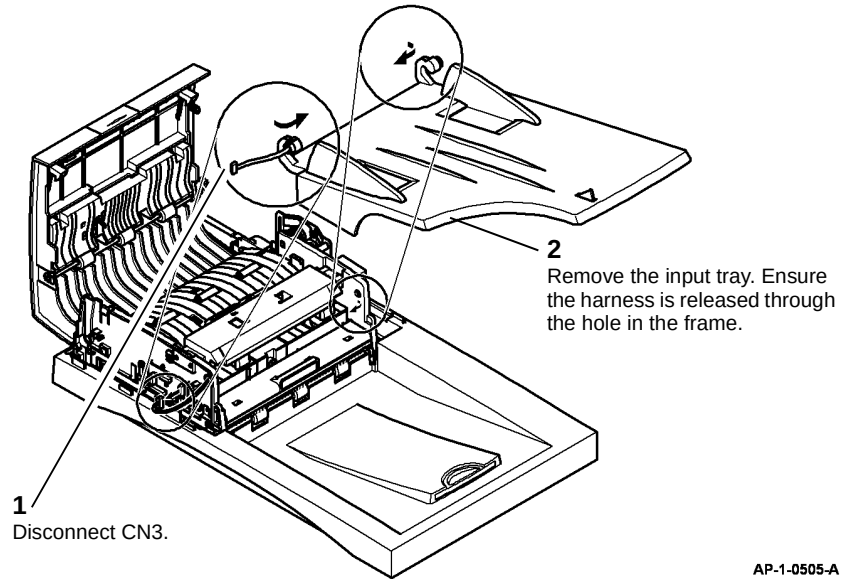

Figure 6 Input tray removal

8. Prepare to remove the top cover assembly, Figure 7.

NOTE: *Removing the 4 screws that secure the document transport assembly will ease the removal of the top cover assembly.*

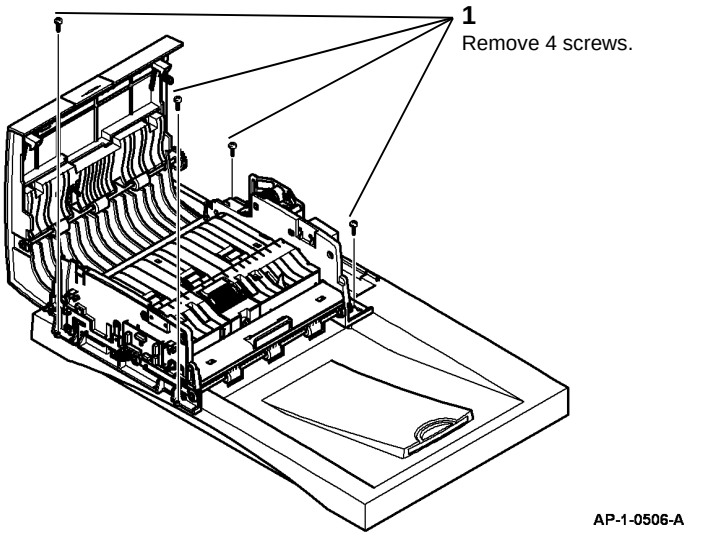

Figure 7 Preparation

9. Remove the top cover assembly, Figure 8.

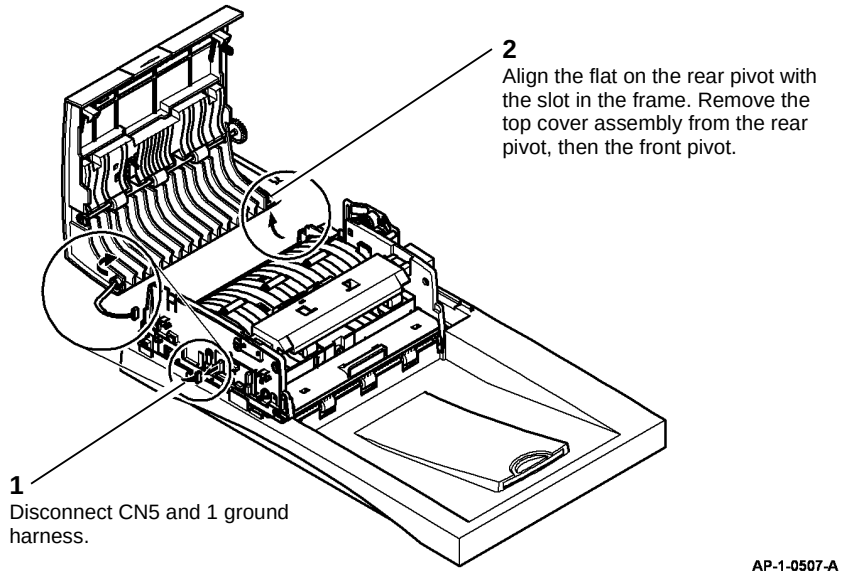

Figure 8 Top cover removal

10. Remove the duplex guide, Figure 9.

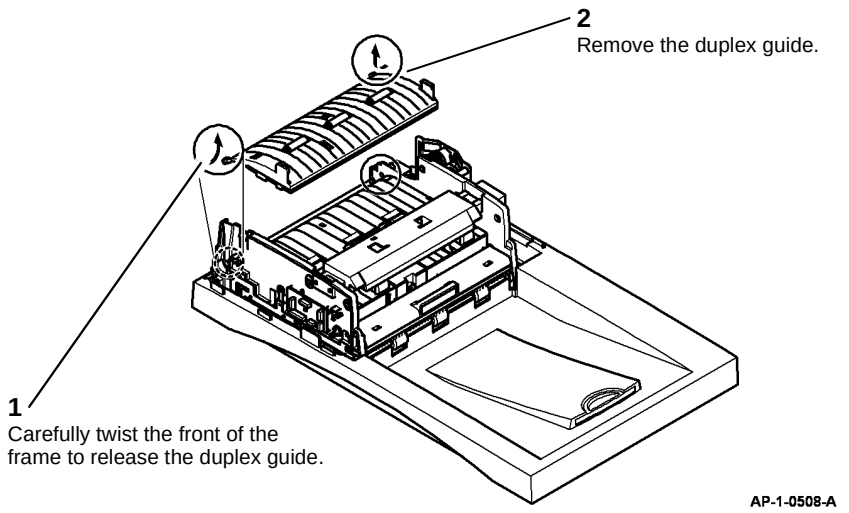

Figure 9 Duplex guide removal

11. Remove the upper feed assembly, Figure 10.

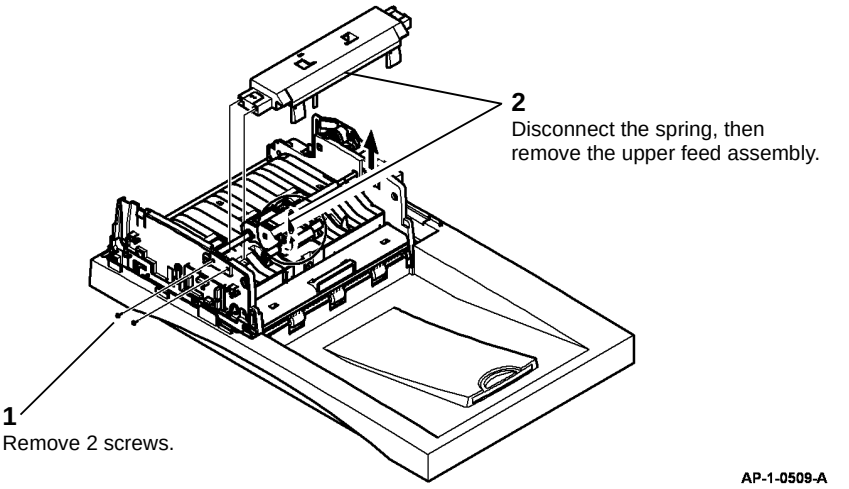

Figure 10 Upper feed assembly removal

12. Remove the feed roll assembly, Figure 11.

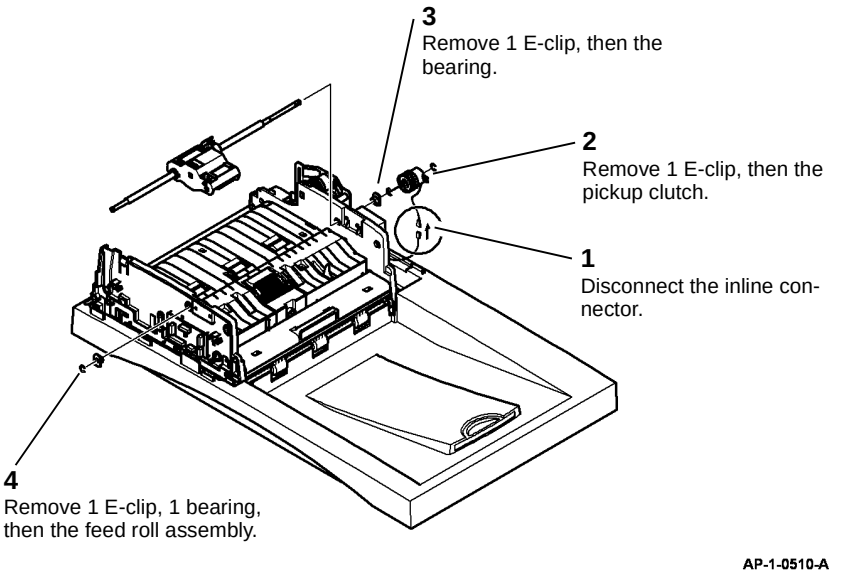

Figure 11 Feed roll assembly removal

13. Prepare to remove the document transport, Figure 12.

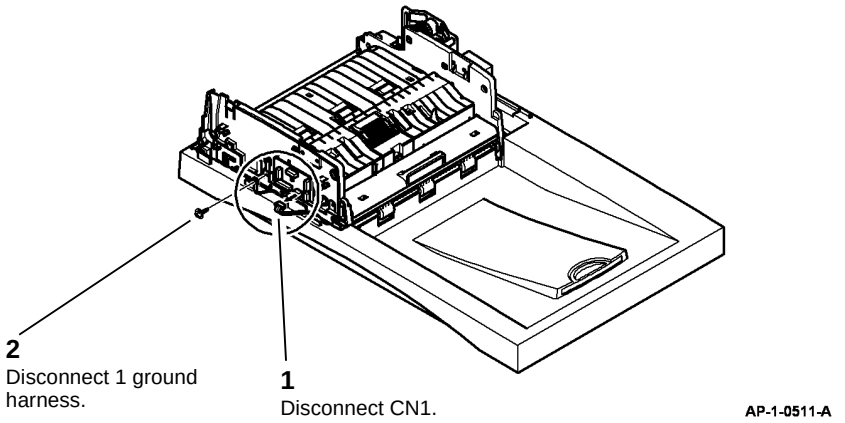

Figure 12 Preparation

14. Remove the document transport, Figure 13.

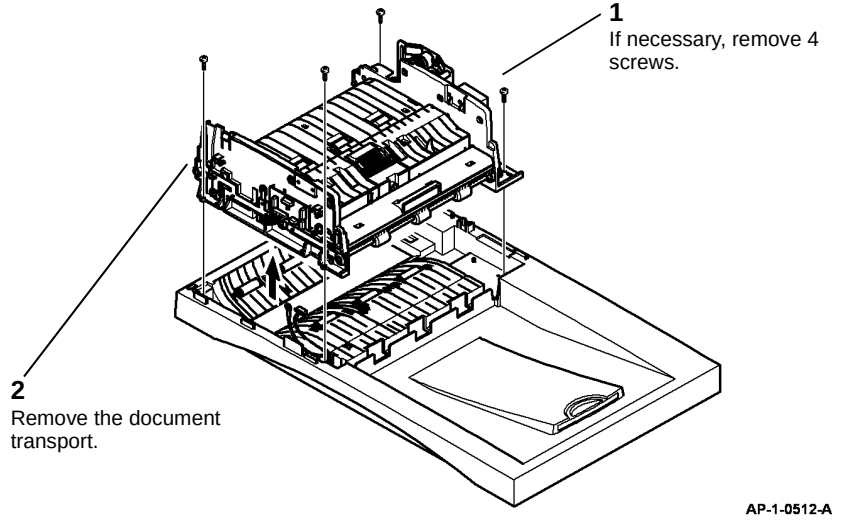

Figure 13 Document transport removal

15. Prepare to remove the lower feed assembly, Figure 14.

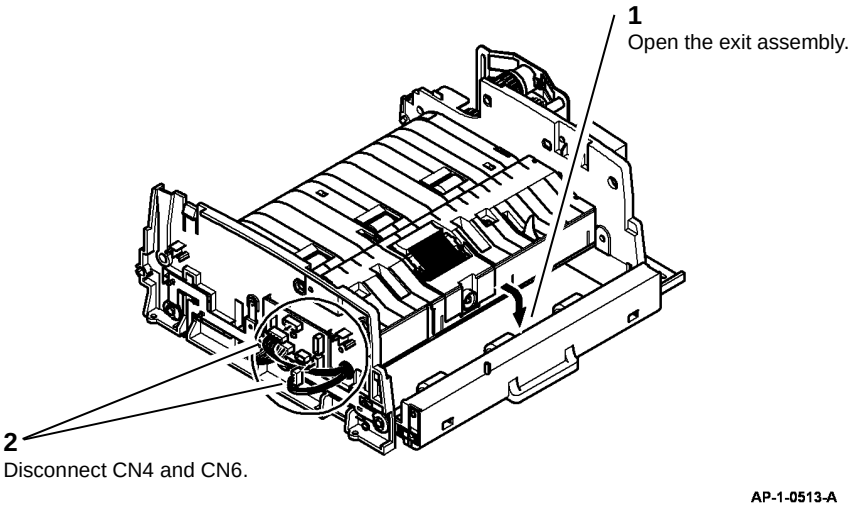

Figure 14 Preparation

16. Remove the lower feed assembly, Figure 15.

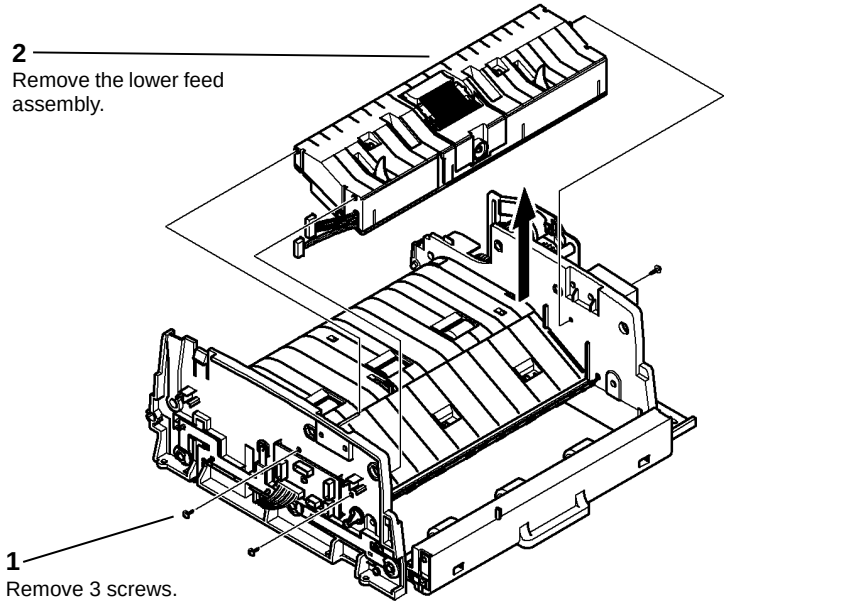

Figure 15 Lower feed assembly removal

17. Remove the duplex gate, Figure 16.

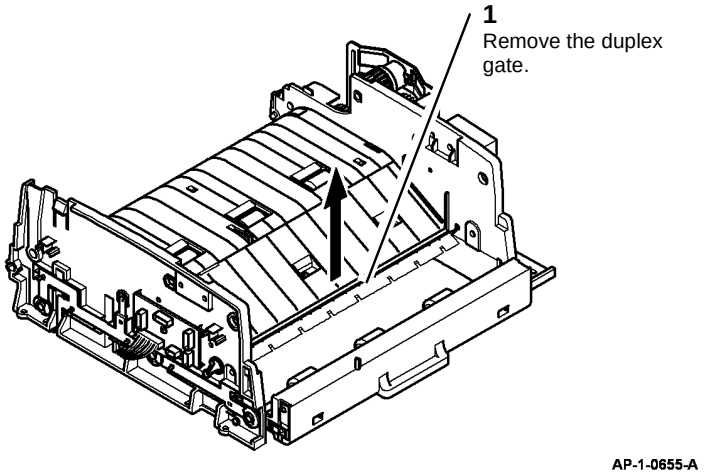

Figure 16 Duplex gate removal

18. Remove the guides, Figure 17.

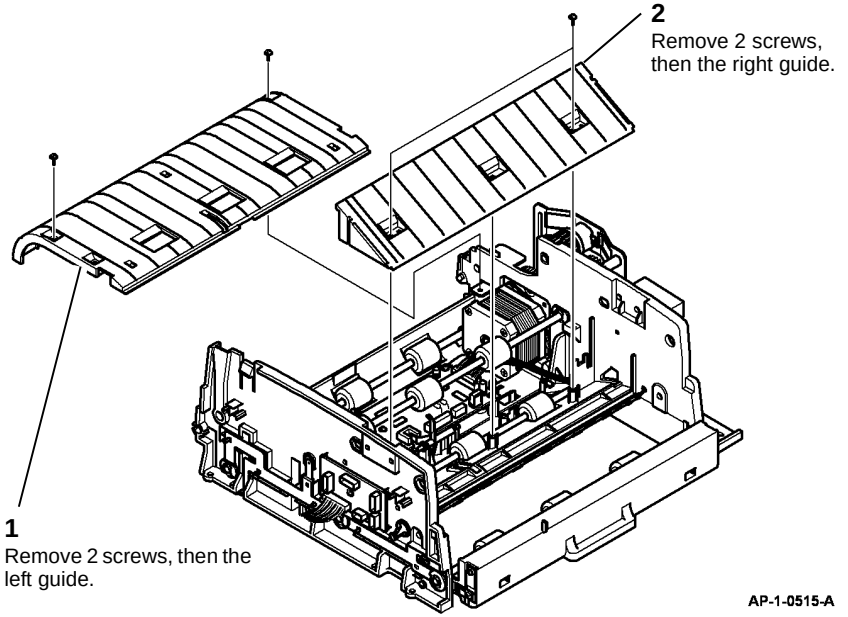

Figure 17 Guide removal

19. Remove the drive gear cover, Figure 18.

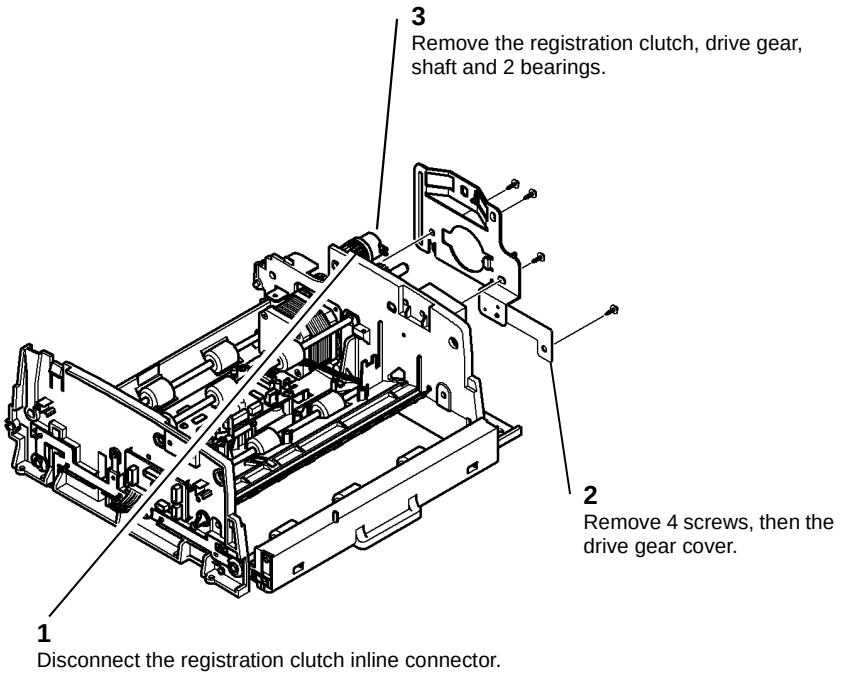

Figure 18 Drive gear cover removal

20. Remove the DADF scan motor assembly, Figure 19.

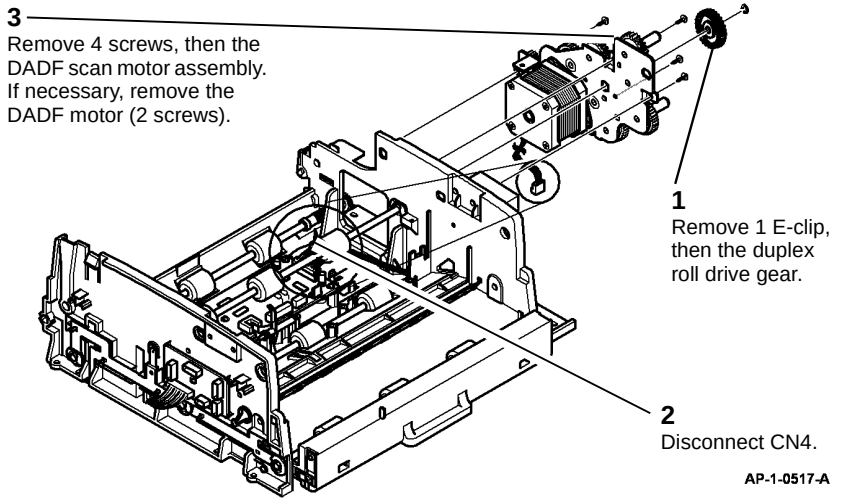

Figure 19 DADF scan motor assembly removal

21. Remove the duplex motor assembly, Figure 20.

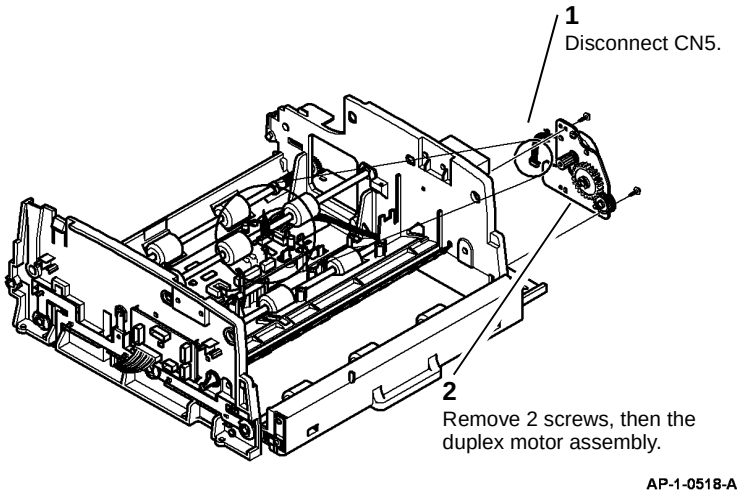

Figure 20 Duplex motor assembly removal

22. Remove the DADF exit assembly, Figure 21.

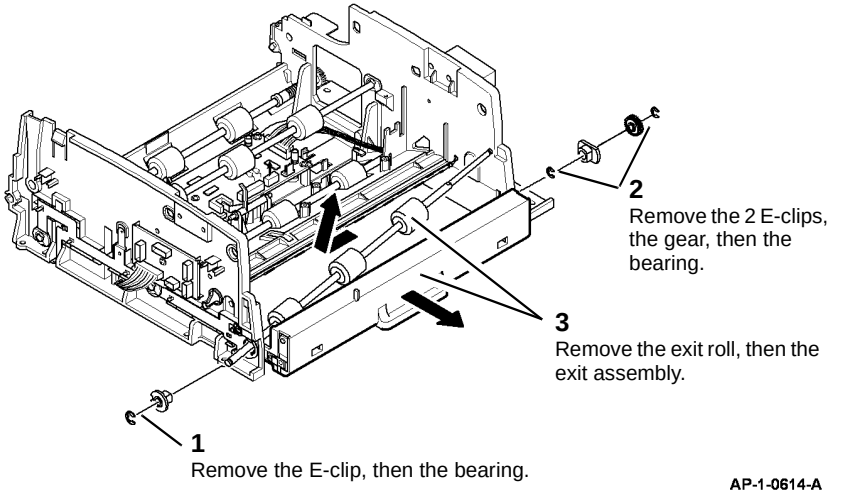

Figure 21 DADF Exit assembly removal

Replacement

1. Replacement is the reverse of the removal procedure. When reconnecting the inline connectors, ensure they are connected correctly:
   - The pickup clutch connects to the black wires.
   - The registration clutch connects to the green wires.
   - The door open switch connects to the red wires.
2. Ensure the 3 ground harnesses are installed onto the document transport assembly.

3. Ensure that the DADF feed gate and link arm are correctly positioned when the upper feed assembly is installed, Figure 22.

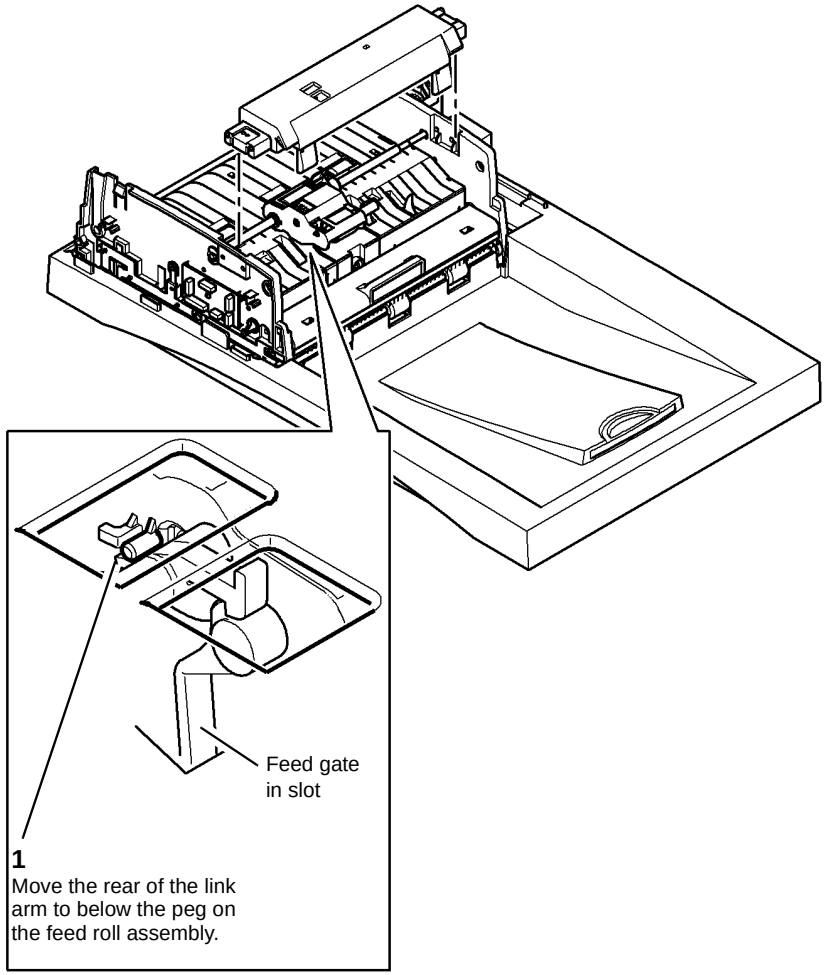

Figure 22 DADF feed gate

REP 5.2 DADF PWB (4150)

Parts List on PL 5.20

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

CAUTION

Ensure that E.S.D. procedures are observed during the removal and installation of the DADF PWB. Make a visual check to ensure that the pins are fully inserted, without being damaged.

1. Open the DADF top cover assembly, PL 5.15 Item 11.
2. Remove the DADF front cover, refer to REP 5.1.
3. Remove the DADF duplex guide, refer to REP 5.1.
4. Remove the DADF left guide, PL 5.20 Item 9.
5. Disconnect all CNs on the DADF PWB.

6. Remove the DADF PWB, Figure 1.

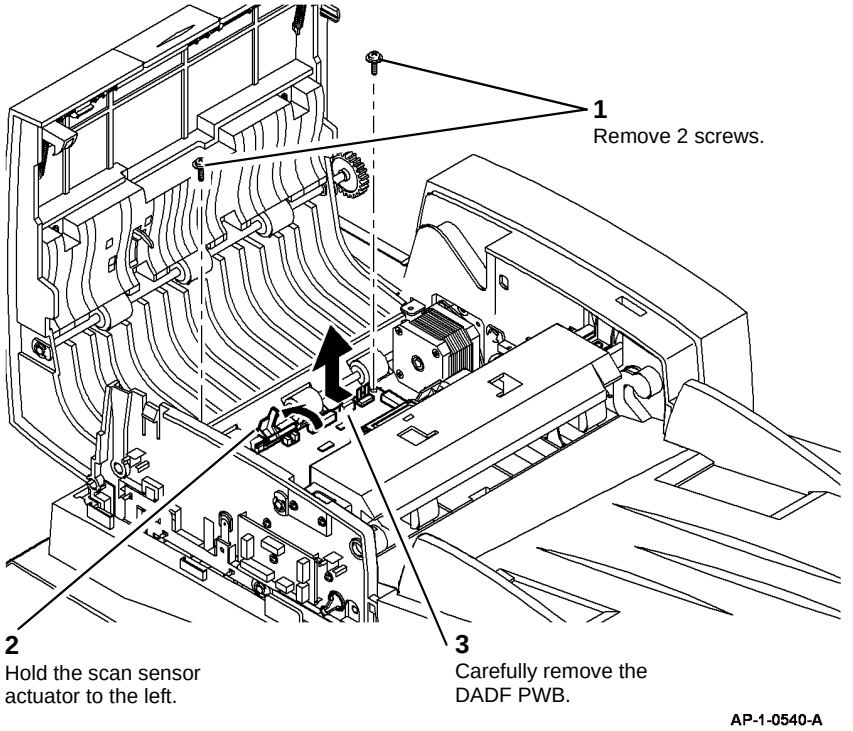

Figure 1 DADF PWB removal

Replacement

Replacement is the reverse of the removal procedure.

REP 5.3 DADF (4250/4260)

Parts List on PL 5.30

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. If installed, remove the DADF securing bracket, PL 14.13 Item 36.
2. Disconnect the DADF communication harness, Figure 1.

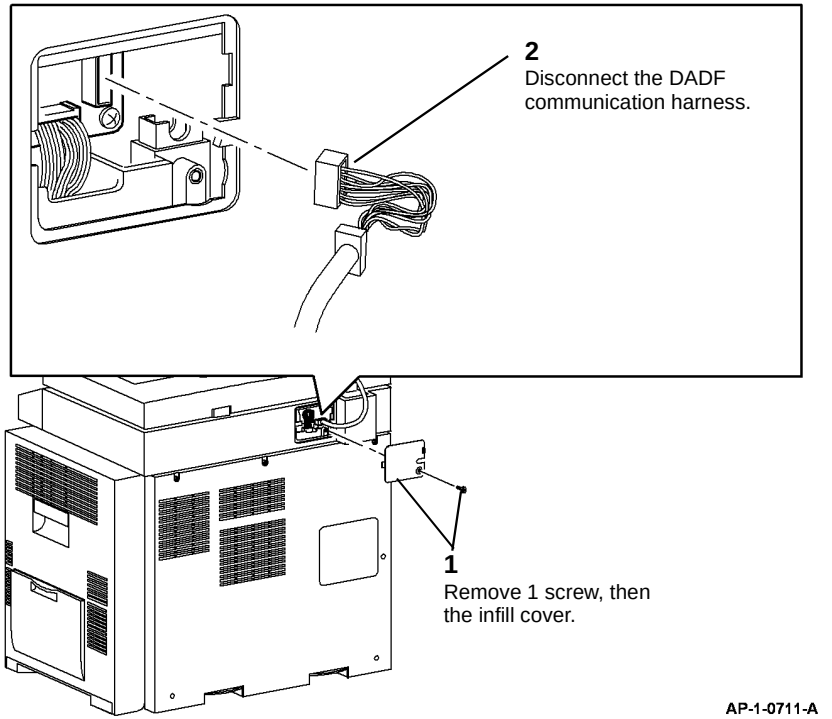

Figure 1 DADF communication harness

3. Raise the DADF.

WARNING

Do not remove the DADF while the DADF is lowered. In the lowered position the counterbalance springs are compressed and can cause injury when released.

4. Remove the DADF, Figure 2. Place the DADF on a solid flat surface.

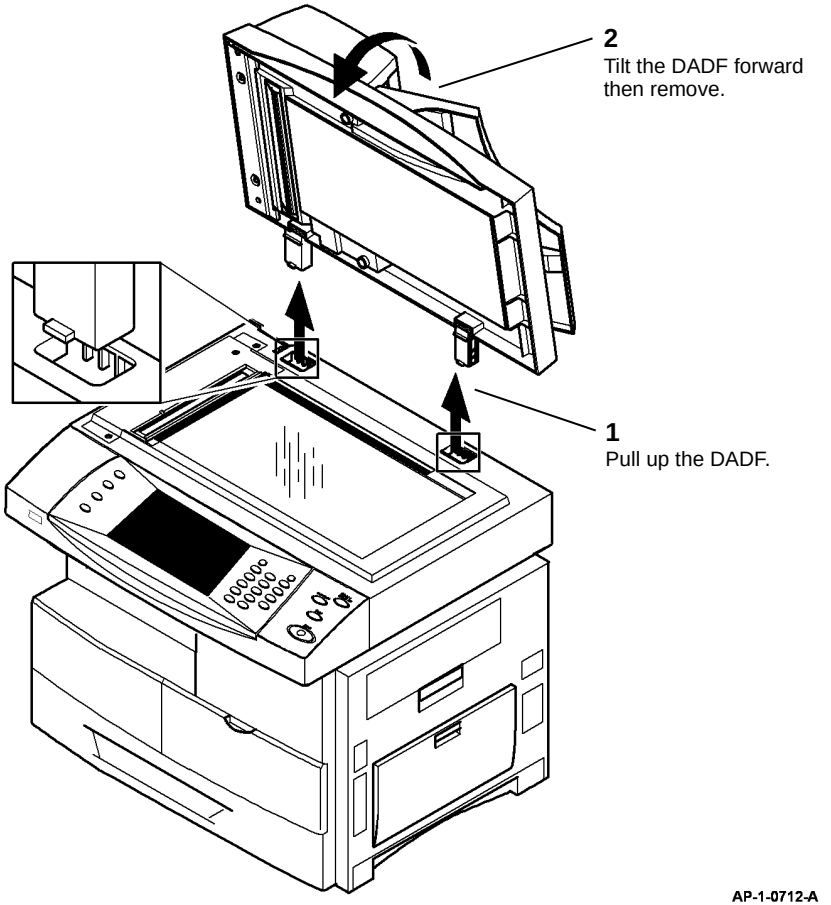

Figure 2 DADF removal

Replacement

Replacement is the reverse of the removal procedure.

REP 5.4 DADF Top Cover Assembly and Document Present Sensor (4250/4260)

Parts List on PL 5.40

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the DADF, REP 5.3.
2. Open the top cover assembly, PL 5.30 Item 2.
3. Remove the DADF rear cover, Figure 1.

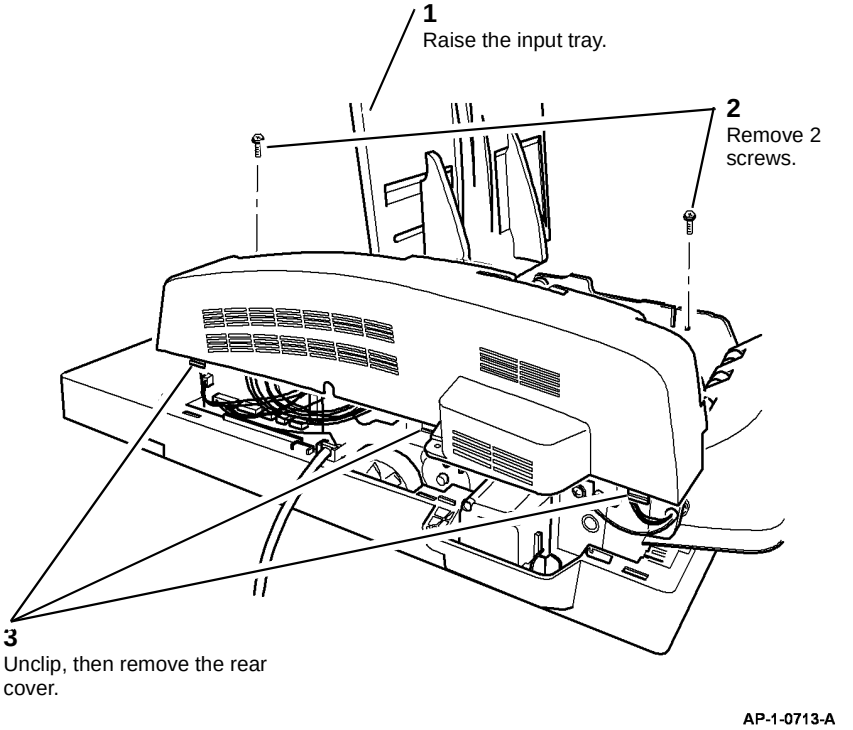

Figure 1 Rear cover removal

4. Remove the top cover assembly, Figure 2.

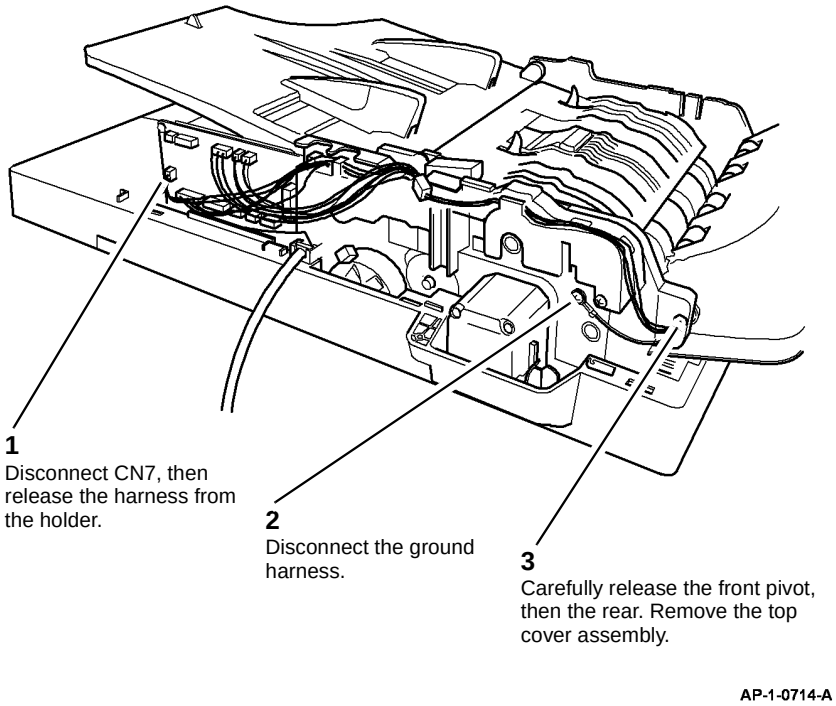

Figure 2 Top cover assembly removal

5. Separate the top cover assembly, Figure 3.

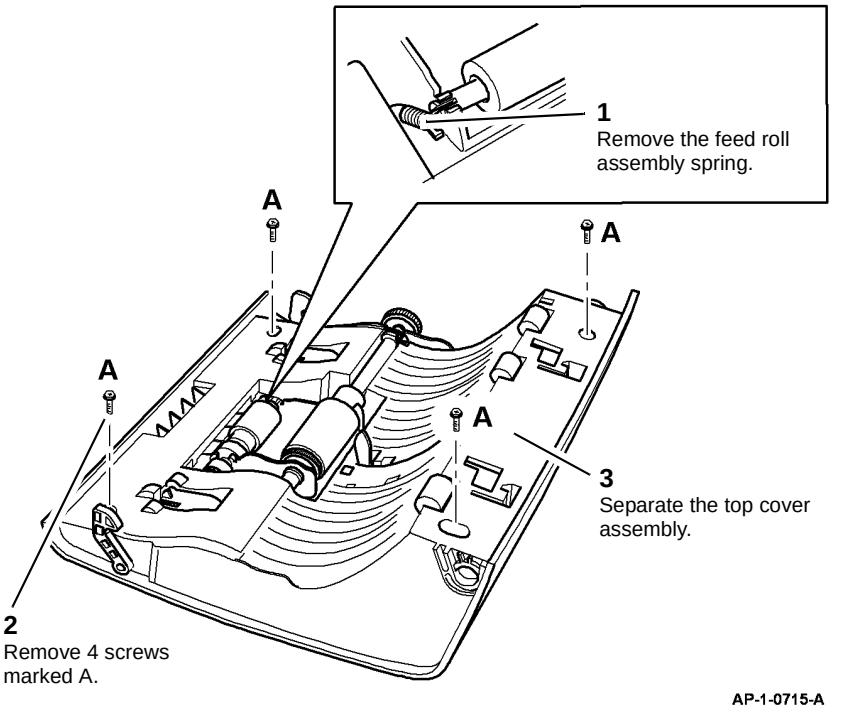

Figure 3 Separate the top cover assembly

6. Remove the registration sensor, PL 5.40 Item 17.

Replacement

Replacement is the reverse of the removal procedure. Ensure that the DADF feed gate and link arm are correctly positioned when the top cover assembly is reassembled, Figure 4.

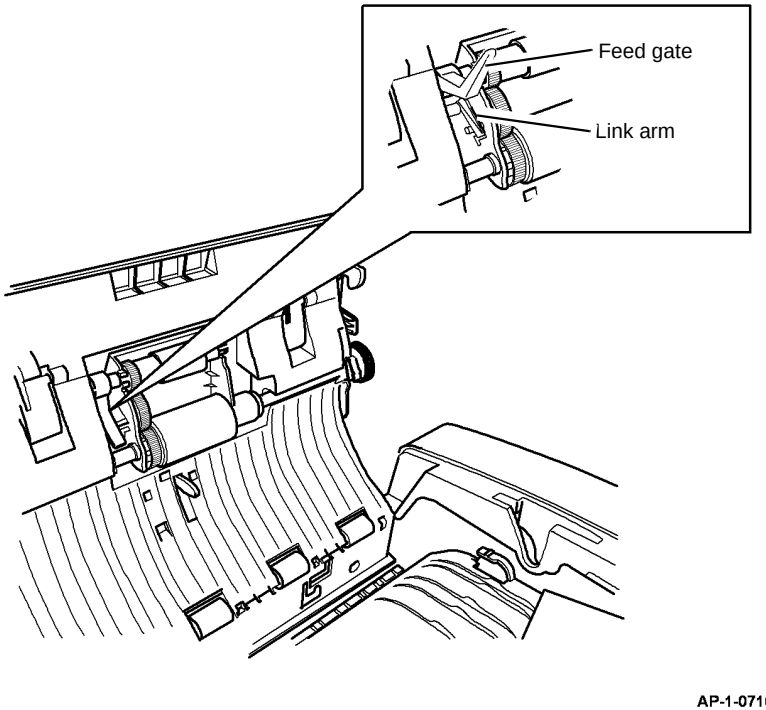

Figure 4 Replacement

REP 5.5 DADF Feed Roll Assembly (4250/4260)

Parts List on PL 5.40

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Open the top cover assembly, PL 5.30 Item 2.
2. Remove the DADF feed roll assembly, Figure 1.

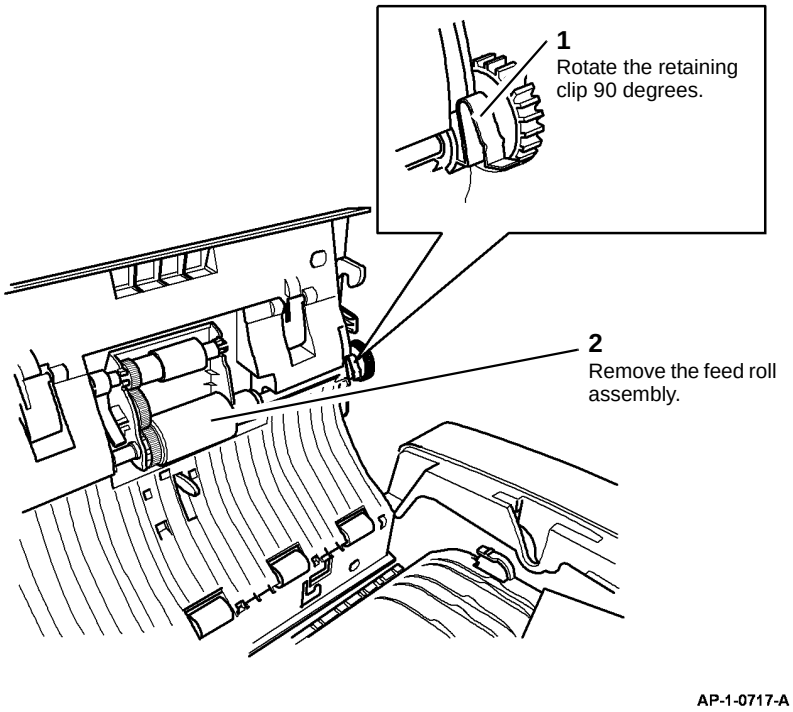

Figure 1 Feed roll assembly removal

3. Remove the bearings, PL 5.40 Item 9 and the retaining clip, PL 5.40 Item 8 from the feed roll assembly.

Replacement

Replacement is the reverse of the removal procedure. Ensure that the DADF feed gate and link arm are correctly positioned when the feed assembly is installed, Figure 2.

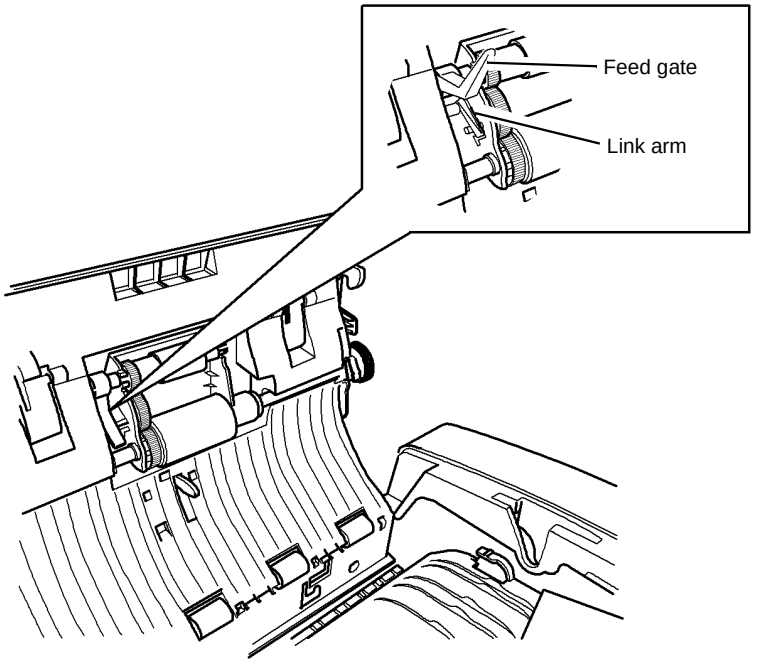

Figure 2 Replacement

REP 5.6 DADF Input Tray Assembly and Paper Length Sensor (4250/4260)

Parts List on PL 5.32

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Open the top cover assembly, PL 5.30 Item 2.
2. Remove the DADF rear cover, refer to REP 5.4.
3. Disconnect CN5 from the DADF PWB. Release the harness from the holder.
4. Carefully release the front pivot of the input tray assembly, then the rear pivot. Remove the input tray assembly, PL 5.32 Item 1.
5. Remove the lower cover, PL 5.32 Item 12.
6. Remove the document length sensor, PL 5.32 Item 9.

Replacement

Replacement is the reverse of the removal procedure.

REP 5.7 DADF Document Transport Assembly (4250/4260)

Parts List on PL 5.30, PL 5.45, PL 5.50 and PL 5.55

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the DADF, REP 5.3.
2. Remove the DADF rear cover, refer to REP 5.4.
3. Remove the DADF front cover, PL 5.30 Item 12.
4. Disconnect all connectors, except CN8 and CN12 from the DADF PWB.
5. Remove the document transport assembly, Figure 1.

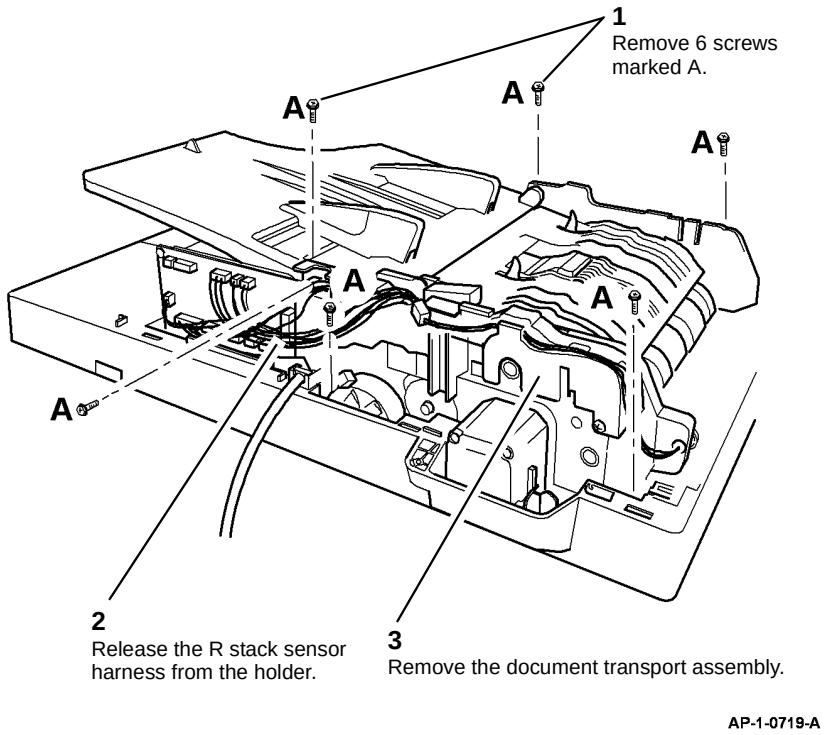

Figure 1 Transport assembly removal

Replacement

Replacement is the reverse of the removal procedure.

REP 5.8 DADF Duplex Motor Assembly (4250/4260)

Parts List on PL 5.30

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the DADF, REP 5.3.
2. Remove the DADF rear cover, refer to REP 5.4.
3. Remove the DADF front cover, PL 5.30 Item 12.
4. Remove the DADF document transport assembly, REP 5.7.
5. Remove the DADF duplex motor assembly, Figure 1.

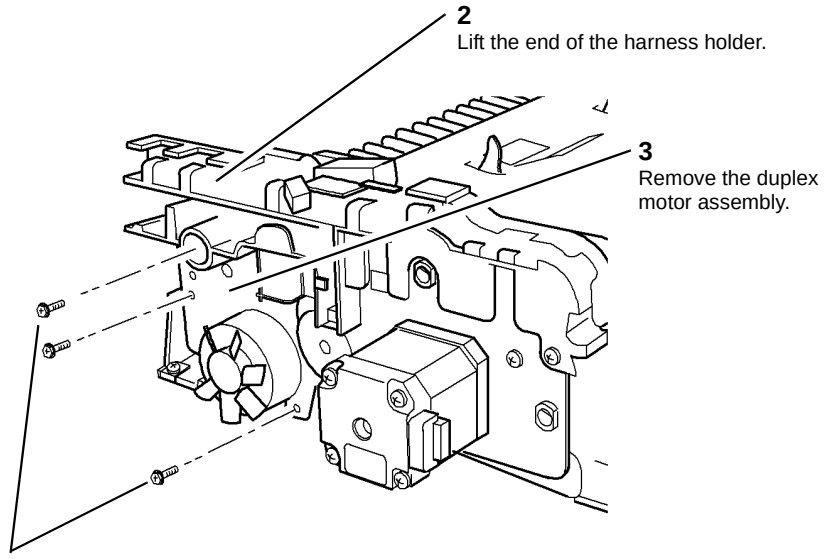

Figure 1 Duplex motor assembly removal

Replacement

Replacement is the reverse of the removal procedure.

REP 5.9 DADF Pickup Clutch and Registration Clutch (4250/4260)

Parts List on PL 5.30

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the DADF, REP 5.3.
2. Remove the DADF rear cover, refer to REP 5.4.
3. Remove the DADF front cover, PL 5.30 Item 12.
4. Remove the DADF document transport assembly, REP 5.7.
5. Prepare to remove the clutches, Figure 1.

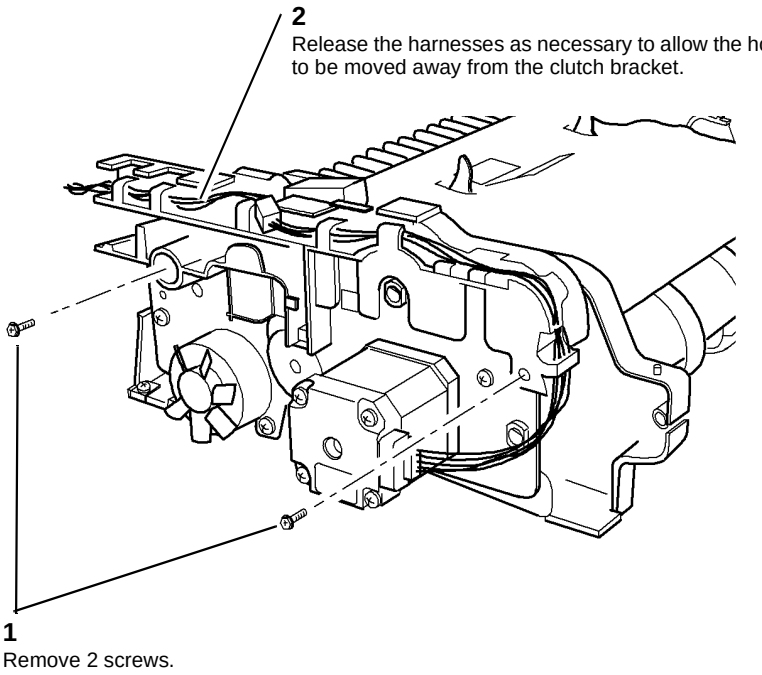

Figure 1 Preparation

6. Remove the clutch bracket, Figure 2.

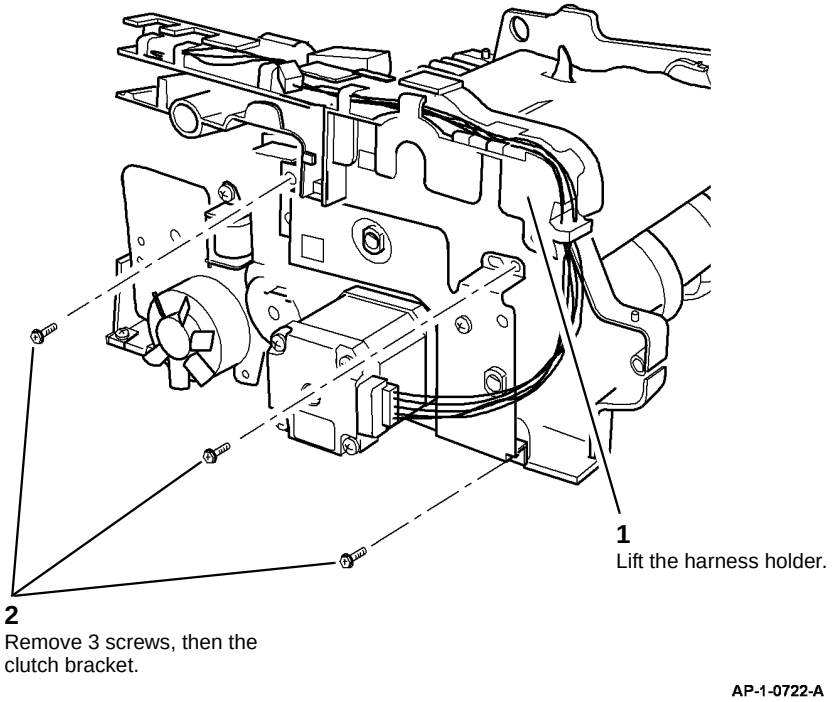

Figure 2 Clutch bracket removal

7. Remove the pickup clutch or registration clutch as necessary, Figure 3.

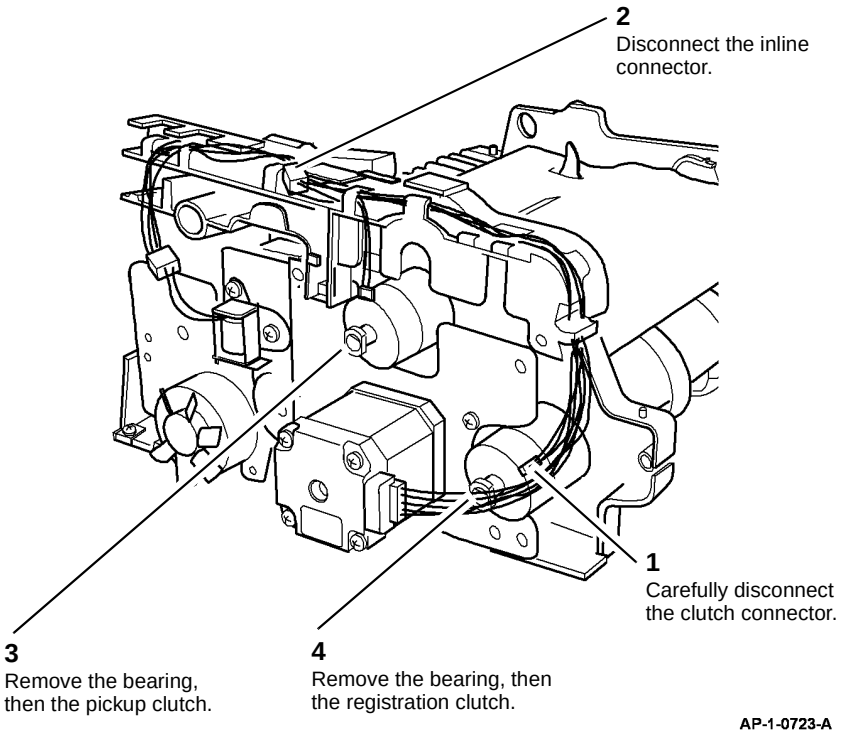

Figure 3 Clutch removal

Replacement

Replacement is the reverse of the removal procedure.

REP 5.10 DADF Scan Motor Assembly (4250/4260)

Parts List on PL 5.30

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the DADF, REP 5.3.
2. Remove the DADF rear cover, refer to REP 5.4.
3. Remove the DADF front cover, PL 5.30 Item 12.
4. Remove the DADF document transport assembly, REP 5.7.
5. Remove the DADF pickup clutch and registration clutch, REP 5.9.
6. Remove the DADF scan motor assembly, Figure 1.

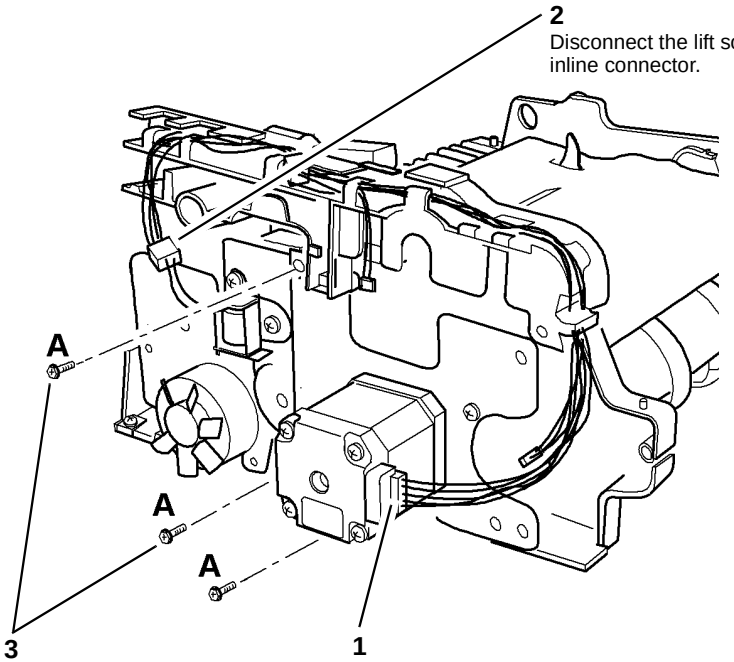

Figure 1 Scan motor assembly removal

Replacement

Replacement is the reverse of the removal procedure.

REP 5.11 DADF Gate HP Sensor (4250/4260)

Parts List on PL 5.50

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the DADF, REP 5.3.
2. Remove the DADF rear cover, refer to REP 5.4.
3. Remove the DADF front cover, PL 5.30 Item 12.
4. Remove the DADF document transport assembly, REP 5.7.
5. Remove the DADF pickup clutch and registration clutch, REP 5.9.
6. Remove the DADF scan motor assembly, REP 5.10.
7. Remove the gate HP sensor, Figure 1.

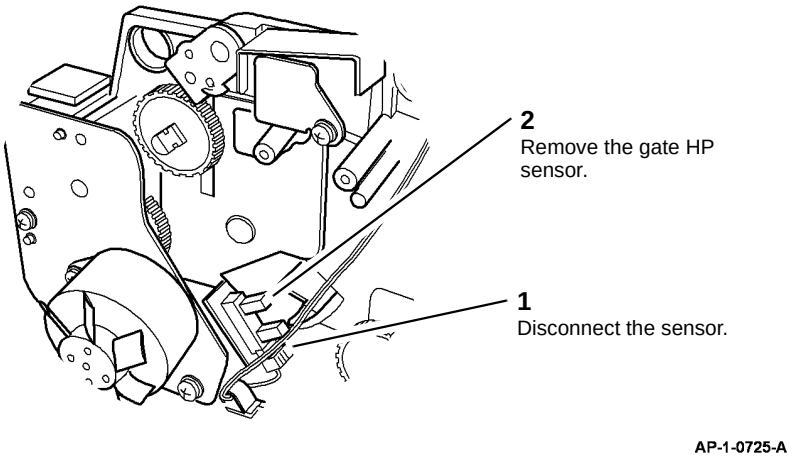

Figure 1 Gate HP sensor removal

Replacement

Replacement is the reverse of the removal procedure.

REP 5.12 DADF Pickup Guide Assembly and Sensors (4250/4260)

Parts List on PL 5.45

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the DADF, REP 5.3.
2. Remove the DADF rear cover, refer to REP 5.4.
3. Remove the DADF front cover, PL 5.30 Item 12.
4. Remove the DADF document transport assembly, REP 5.7.
5. Remove the DADF pickup clutch and registration clutch, REP 5.9.
6. Remove the DADF scan motor assembly, REP 5.10.
7. Prepare to remove the DADF pickup guide assembly, Figure 1.

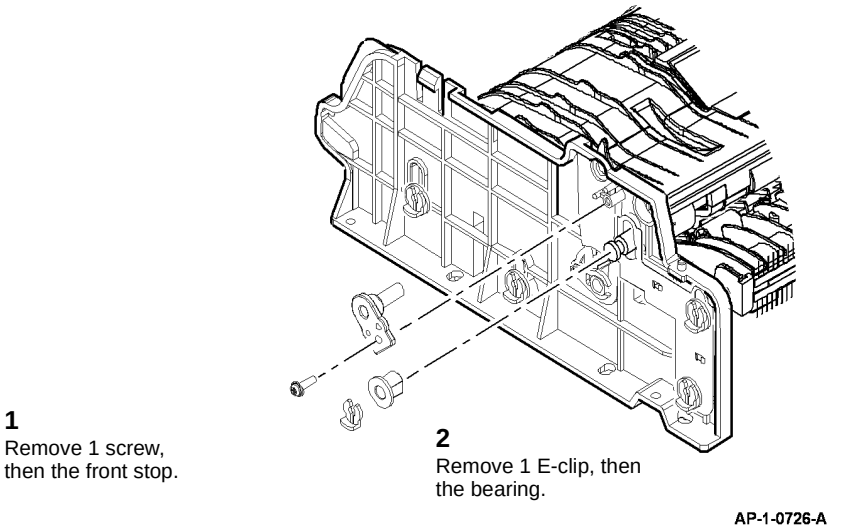

Figure 1 Preparation

8. Remove the DADF pickup guide assembly, Figure 2.

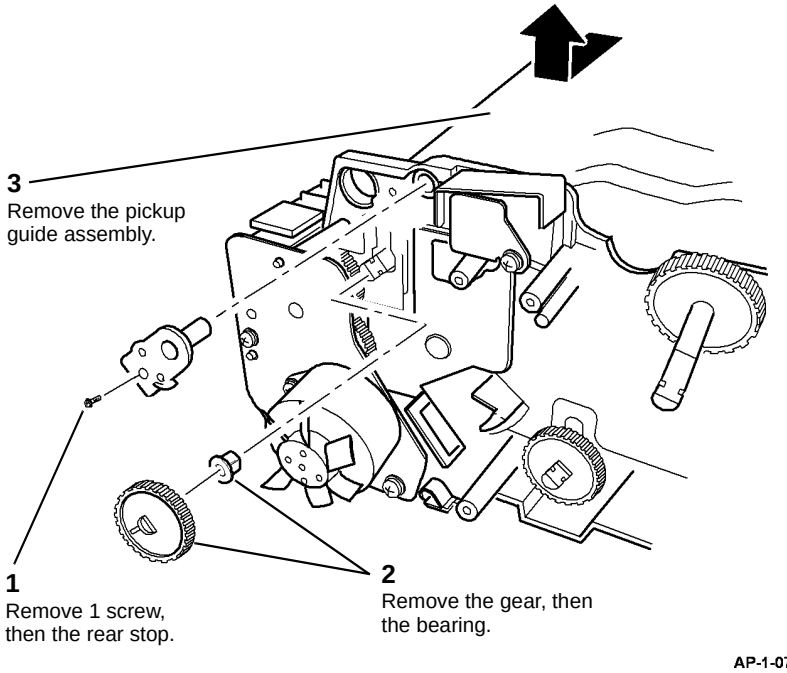

Figure 2 Pickup guide assembly removal

9. If necessary, separate the pickup guide assembly, (4 screws). Remove either the document detect sensor or the paper width sensor, PL 5.45 Item 10.

Replacement

Replacement is the reverse of the removal procedure.

REP 5.13 DADF Document Path Sensors (4250/4260)

Parts List on PL 5.55

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Open the DADF top cover assembly, PL 5.30 Item 2.
2. Remove the lower guide assembly, Figure 1.

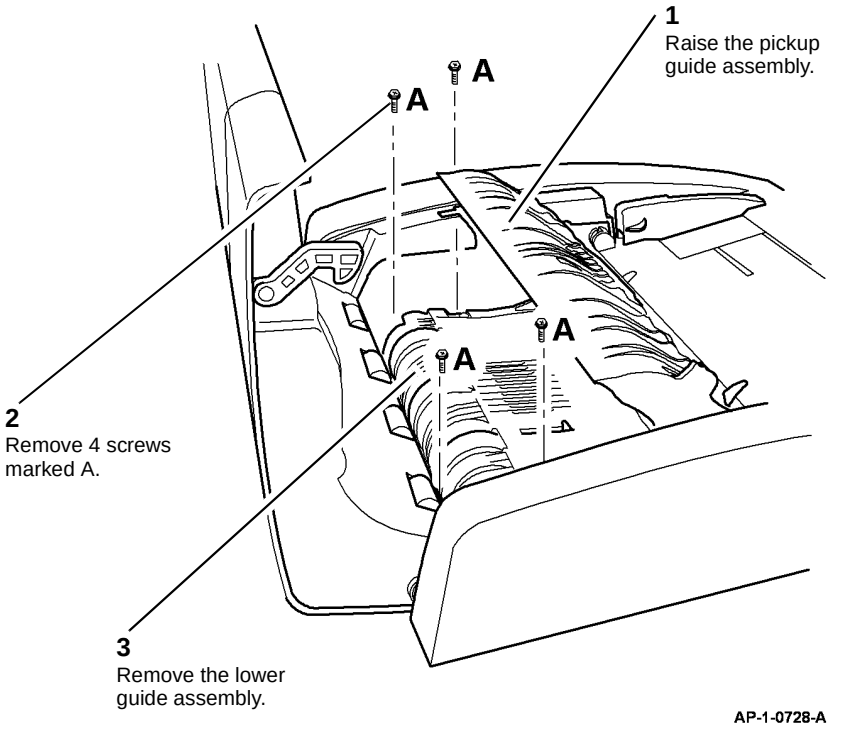

Figure 1 Lower guide assembly removal

3. Remove the relevant sensor, Figure 2.

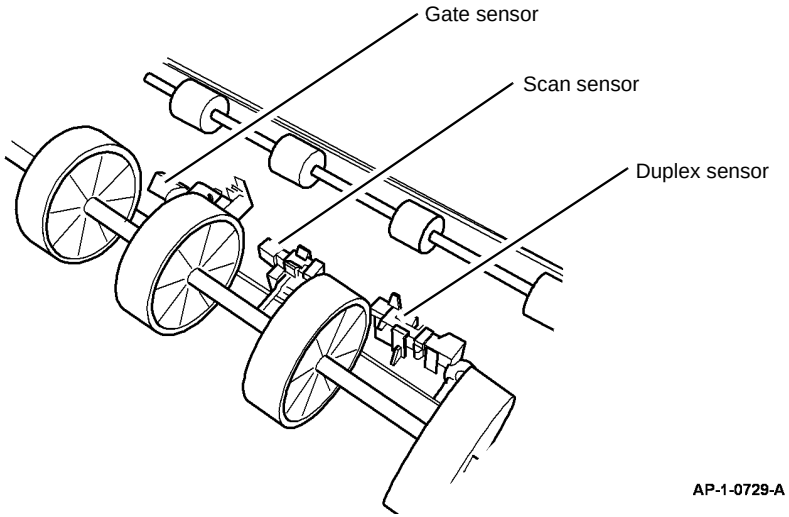

Figure 2 Sensor removal

Replacement

Replacement is the reverse of the removal procedure.

REP 6.1 LSU

Parts List on PL 6.10

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

WARNING

Avoid exposure to laser beam. Invisible laser radiation.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the exit tray assembly, PL 28.10 Item 1 or the finisher, REP 12.1.
2. Remove the paper exit cover, PL 28.10 Item 4.

   NOTE: *A short, crosshead screwdriver, PL 26.10 Item 2 is required to remove the 4 screws that secure the LSU. The screwdriver is supplied in the service training kit. If the screwdriver is not available, the DADF, scanner assembly, exit guide assembly and exit assembly must be removed.*

3. If necessary, remove the DADF. Refer to (4150) REP 5.1 or (4250/4260) REP 5.3.
4. If necessary, remove the scanner assembly, (4150) REP 14.1 or (4250/4260) REP 14.3.
5. If necessary, remove the exit guide assembly and exit assembly, REP 10.2.
6. Remove the LSU, Figure 1.

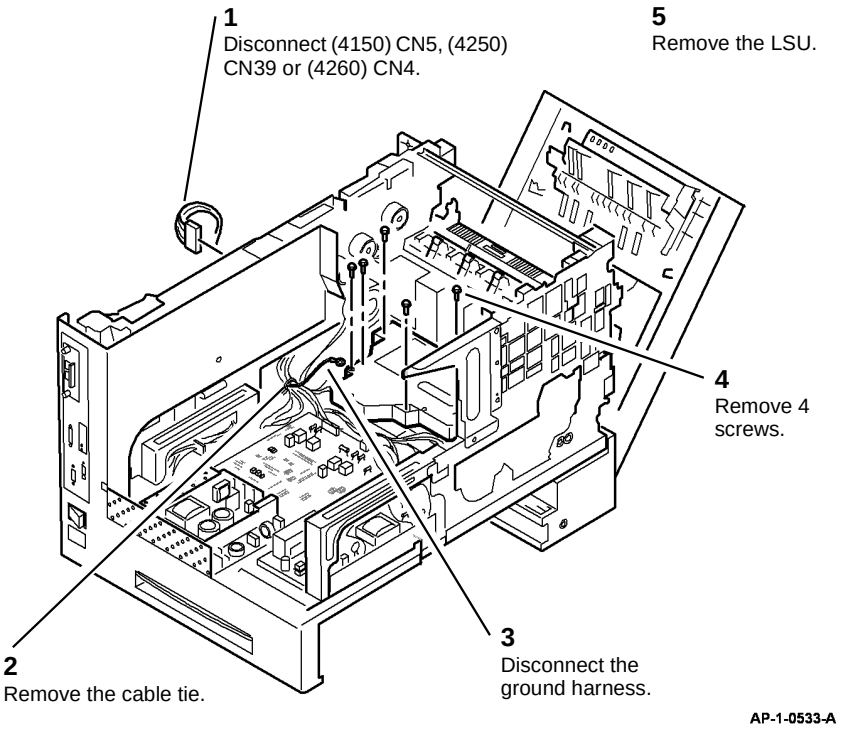

Figure 1 Remove the LSU

Replacement

Replacement is the reverse of the removal procedure.

REP 6.2 LSU FAN

Parts List on PL 6.10

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the DADF. Refer to (4150) REP 5.1 or (4250/4260) REP 5.3.
2. Remove the scanner assembly, (4150) REP 14.1 or (4250/4260) REP 14.3.
3. Remove the exit assembly, REP 10.2.
4. Remove the rear LSU fan duct, PL 6.10 Item 4.
5. Remove the LSU fan, Figure 1.

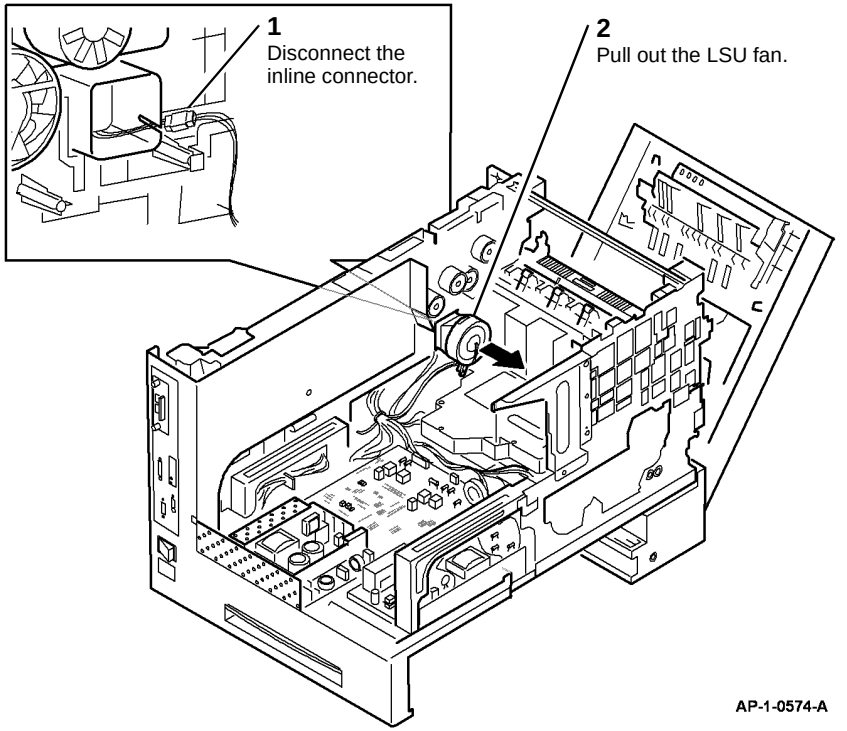

Figure 1 LSU fan removal

6. Remove the LSU fan from the front LSU fan duct, PL 6.10 Item 4.

Replacement

Replacement is the reverse of the removal procedure.

REP 7.1 Tray 1 Feed Assembly

Parts List on PL 8.10

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

NOTE: *A short, crosshead screwdriver with a narrow handle, PL 26.10 Item 2 is required to remove the 4 screws that secure the tray 1 feed assembly. The screwdriver is supplied in the service training kit.*

1. Remove paper tray 1.
2. Remove the main drive assembly, (4150) REP 4.1 or (4250/4260) REP 4.3.
3. Remove the tray feed gear and the retard roll gear, Figure 1.

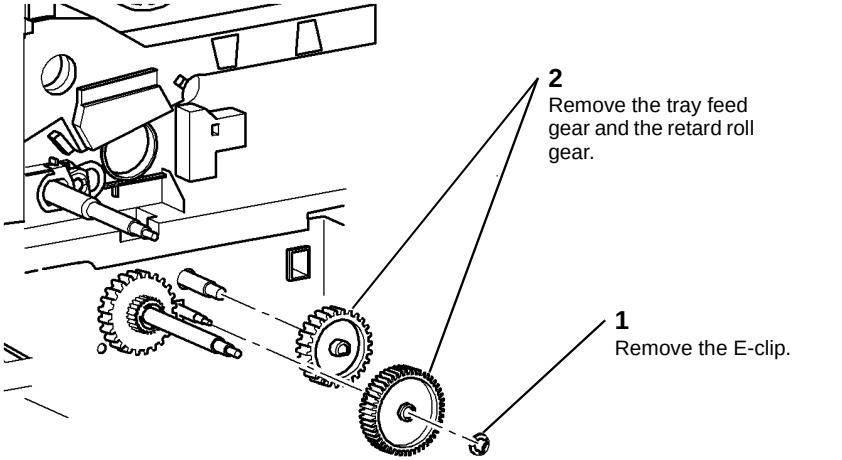

Figure 1 Gear removal

4. Remove the feed head support spring and retard roll, Figure 2.

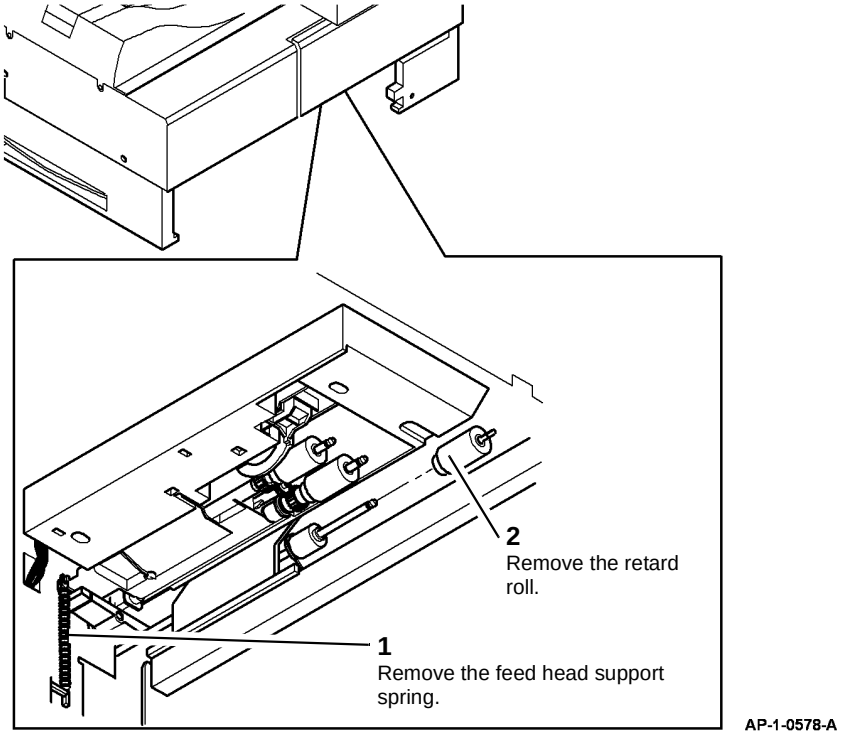

Figure 2 Spring and retard pad removal

5. Prepare to remove the tray 1 feed assembly, Figure 3.

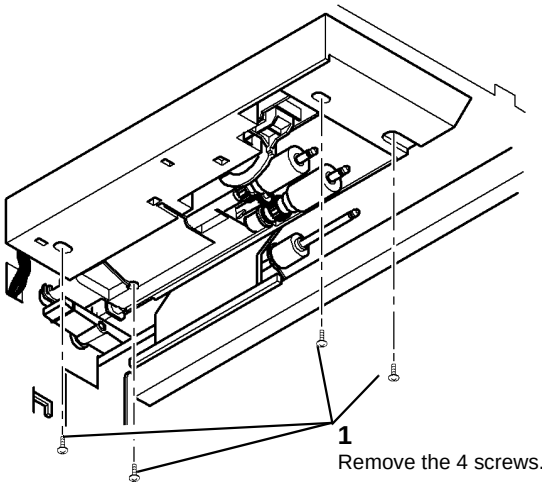

Figure 3 Preparation

6. Open the side cover assembly, PL 7.30 Item 1.

7. Remove the tray 1 feed assembly, Figure 4.

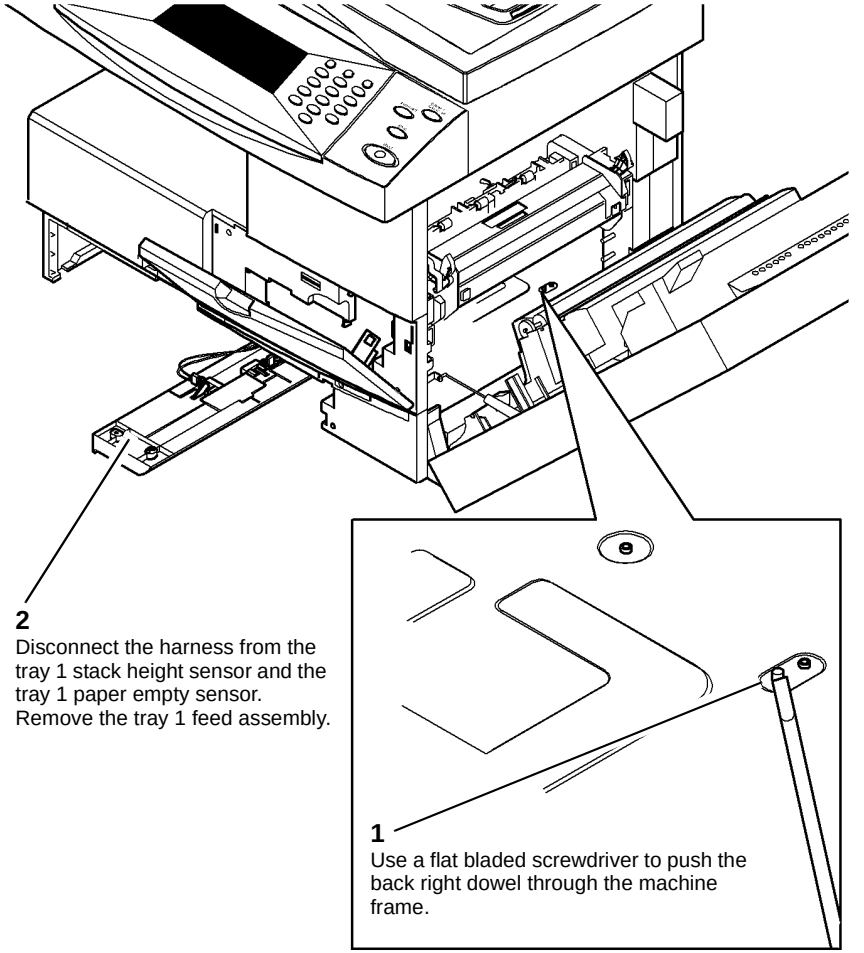

Figure 4 Remove the tray 1 feed assembly

Replacement

1. Replacement is the reverse of the removal procedure. To reinstall the tray 1 feed assembly, refer to Figure 5.

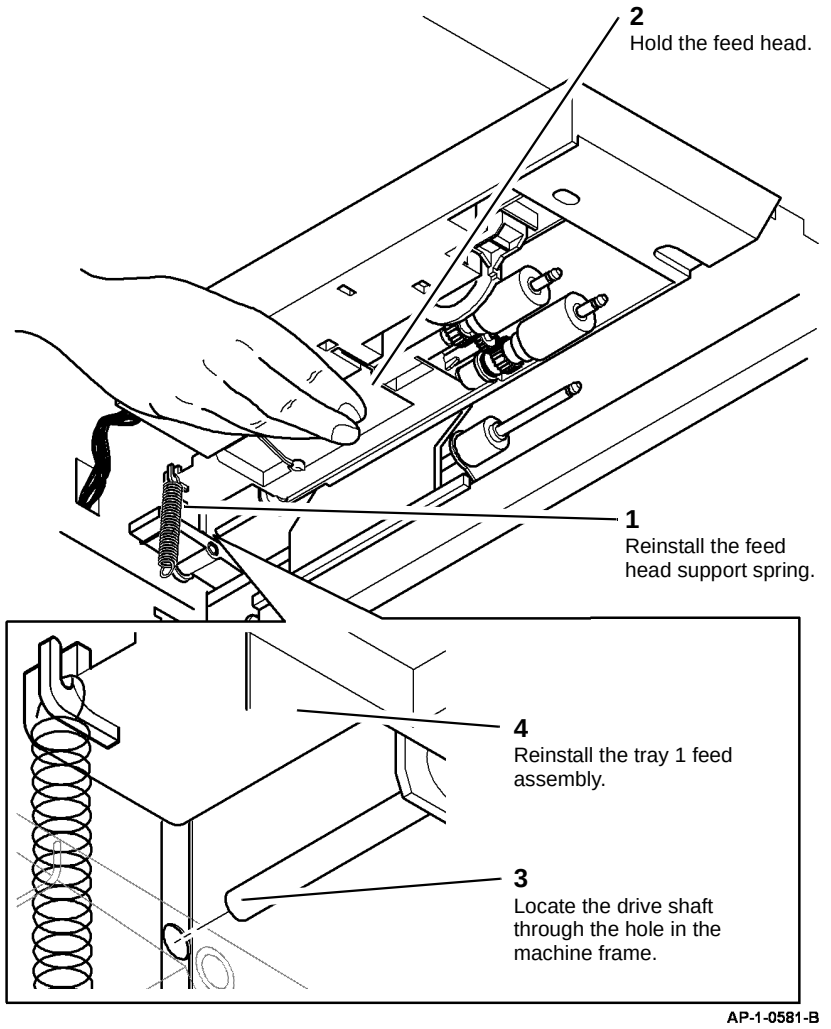

Figure 5 Reinstalling the tray 1 feed assembly

REP 7.2 Tray 2, 3 and 4 Paper Transport Sensors and Transport Roll Gear

Parts List on PL 7.25 and PL 8.10

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. If necessary, remove the finisher, REP 12.1.

WARNING

Mandatory safety warning. This procedure must be performed by two people. The module is heavy.

NOTE: *The weight of the machine is 45Kg (99lb). The weight of each additional tray is 11.85Kg (26lb).*

2. Remove the machine from the stack of trays.
3. Remove the damaged tray from the stack of trays.
4. Remove the paper tray from the damaged tray assembly.
5. Remove the tray rear cover, PL 7.20 Item 10.

NOTE: *The paper transport assembly and tray feed assembly are removed as a unit.*

6. Remove the tray pickup clutch and 3 gears, Figure 1.

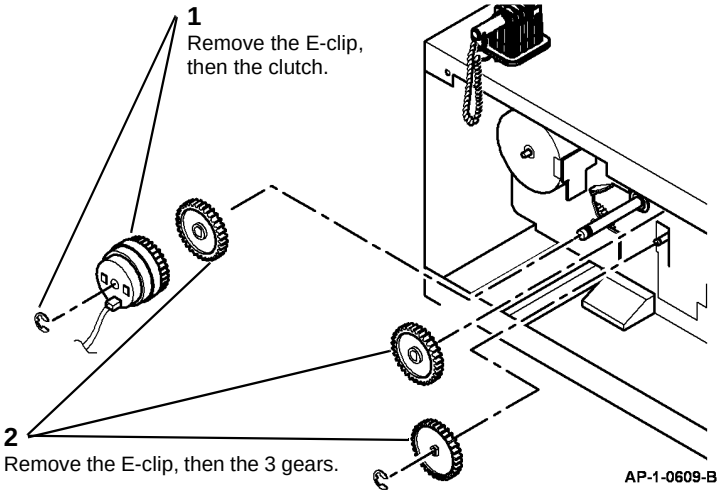

Figure 1 Clutch removal

7. Remove the feed motor assembly, PL 7.20 Item 9.
8. Disconnect CN7 and CN10 from the tray PWB.
9. Disconnect the connector on the tray elevating motor, PL 7.20 Item 7.
10. Prepare to remove the paper transport and tray feed unit, Figure 2.

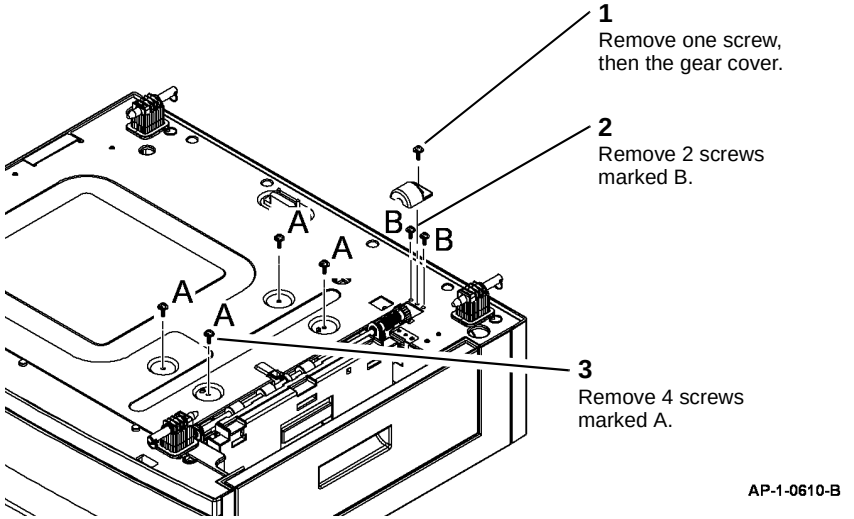

Figure 2 Tray frame preparation

11. Open the tray cover door, PL 7.20 Item 20, then the access door, PL 7.20 Item 18.
12. Remove the paper transport and tray feed unit, Figure 3.

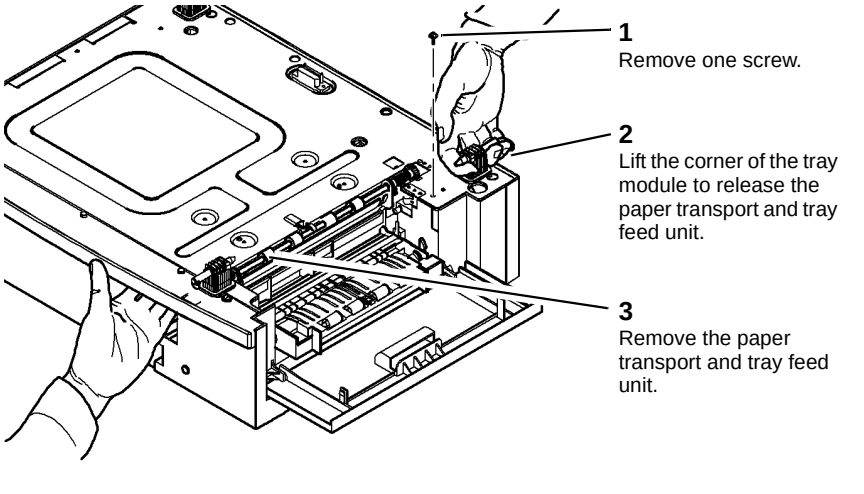

Figure 3 Unit removal

13. As necessary, remove the tray feed sensor, tray door sensor or transport roll gear, Figure 4.

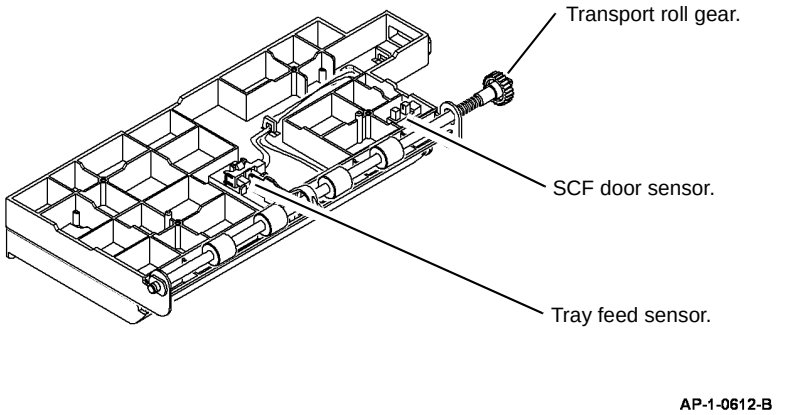

Figure 4 Sensors and gear

Replacement

Replacement is the reverse of the removal procedure. When reinstalling the paper transport and tray feed unit, refer to Figure 5.

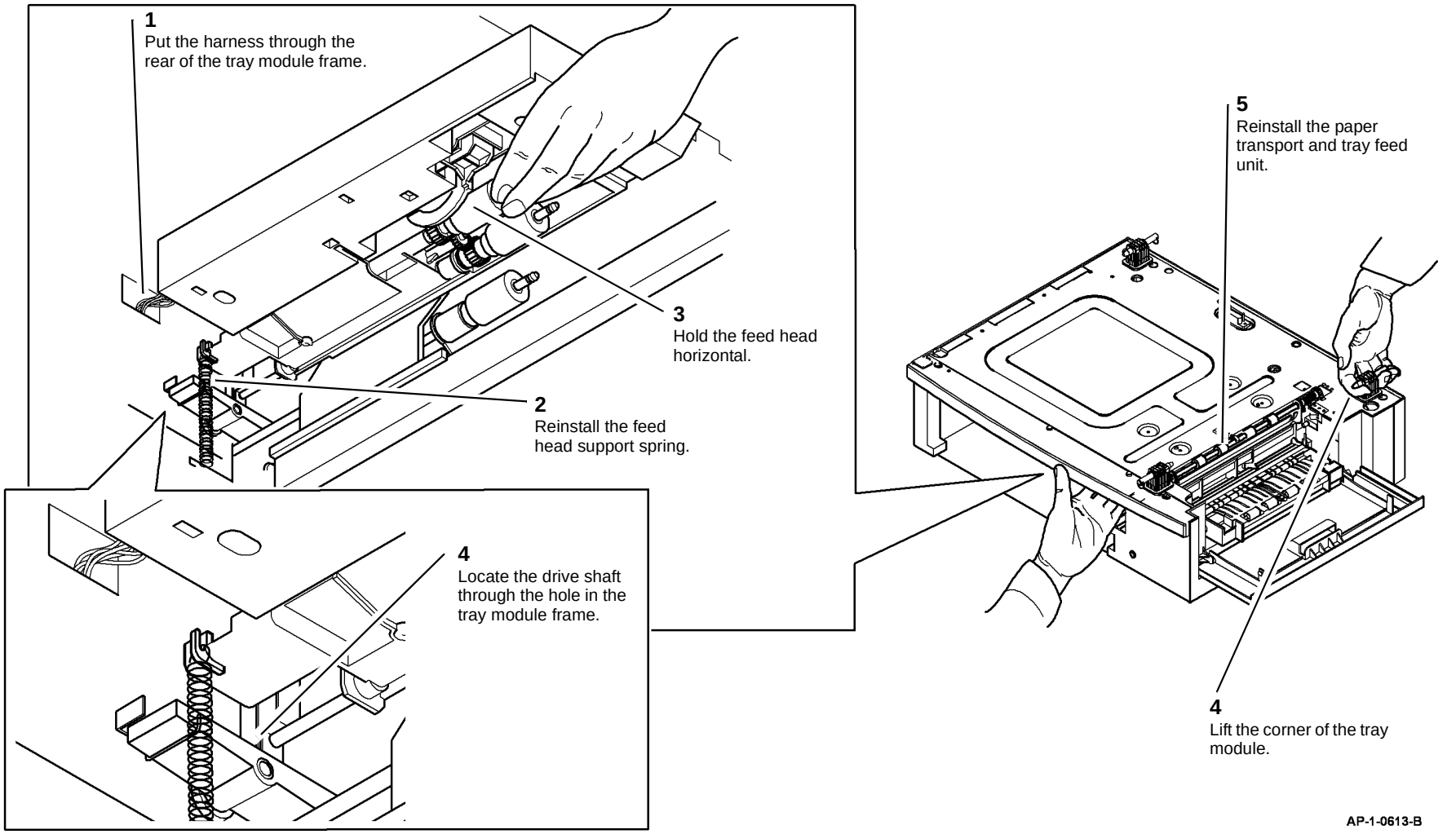

Figure 5 Replacement

REP 7.3 Tray 1 Paper Size Detect PWB

Parts List on PL 7.15

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

NOTE: *The 4150 and 4250/4260 procedures are similar. The 4150 is shown in Figure 1.*

1. Remove paper tray 1.
2. Remove the rear cover, PL 28.10 Item 6.
3. Disconnect (4150) CN15 or (4250/4260) CN14 on the main PWB. Release the harness from the cable clamps. Disconnect the tray 1 near empty sensor inline connector.
4. Remove the tray 1 paper size detect assembly, Figure 1.

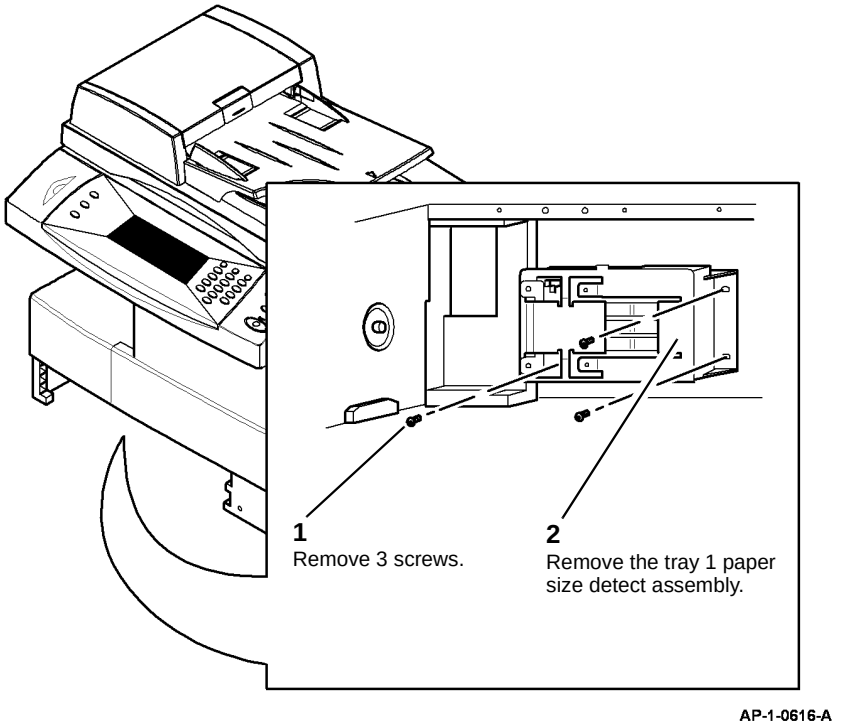

Figure 1 Removal

5. Remove the paper size detect PWB from the housing (2 screws).

Replacement

Replacement is the reverse of the removal procedure.

REP 7.4 Tray 2 to 4 Paper Size Detect PWB

Parts List on PL 7.20

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the relevant paper tray.
2. Remove the tray rear cover, PL 7.20 Item 10.
3. Disconnect CN16 on the tray PWB.
4. Remove the tray paper size detect assembly, Figure 1.

   NOTE: *The tray 2 paper size detect PWB is shown in Figure 1. The removal of the tray 3 and tray 4 paper size detect PWBs is identical.*

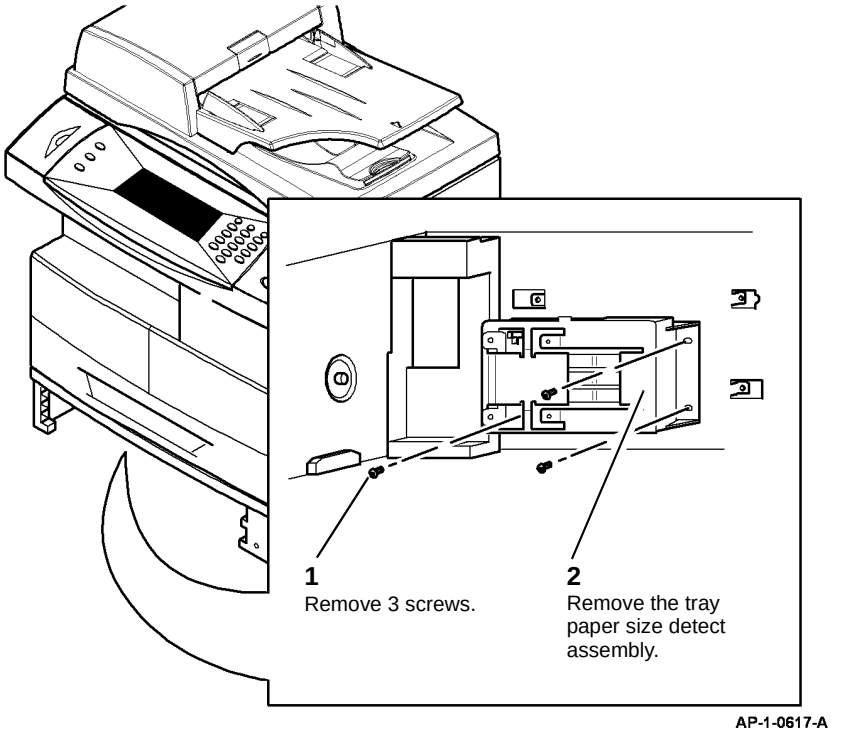

Figure 1 Removal

5. Remove the paper size detect PWB from the housing (2 screws).

Replacement

Replacement is the reverse of the removal procedure.

REP 7.5 HCF Feed Assembly and Sensors

Parts List on PL 8.10

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the HCF paper tray, Figure 1.

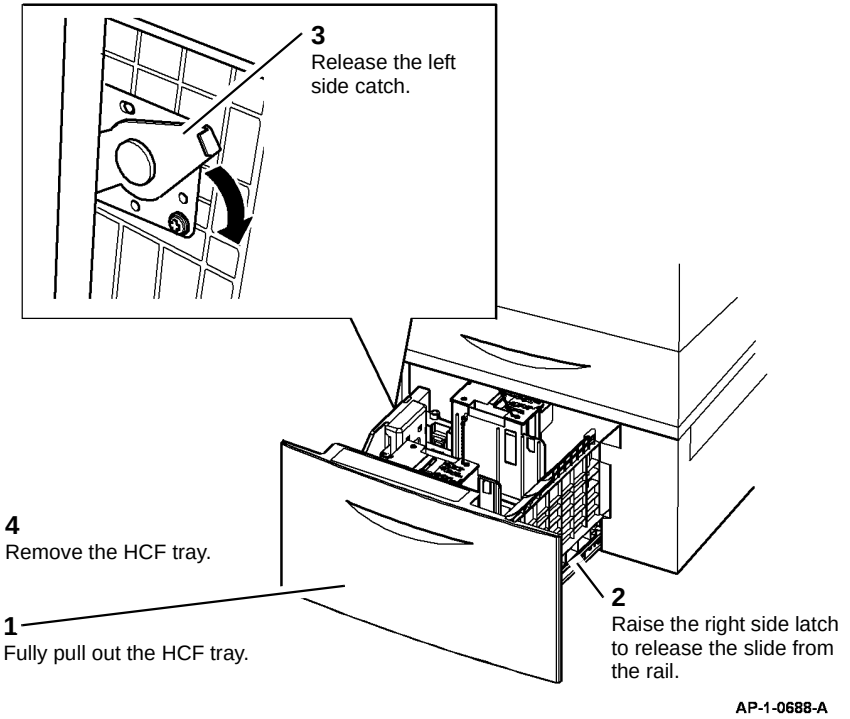

Figure 1 Paper tray removal

2. Remove the HCF rear cover, PL 7.45 Item 4.
3. Remove the tray pickup clutch and gears, Figure 2.

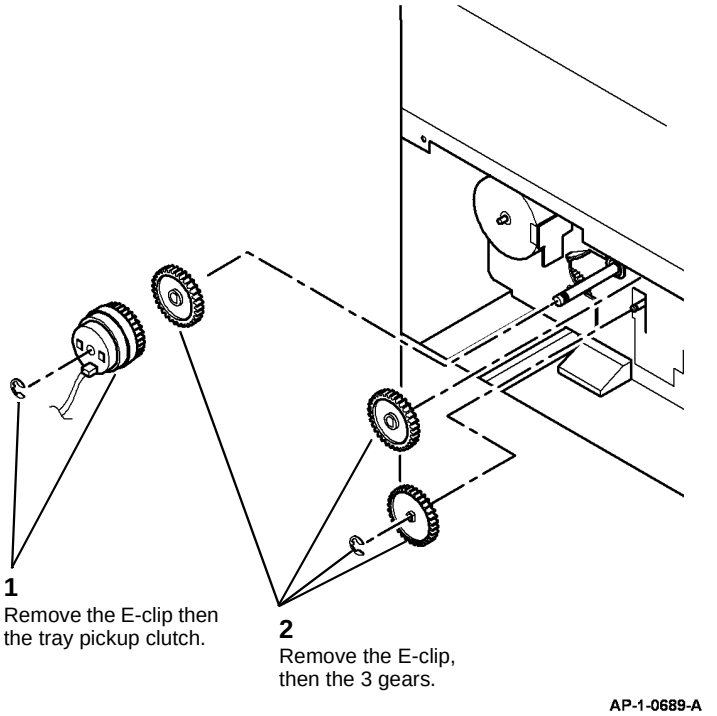

Figure 2 Gear removal

4. Disconnect CN7 from the tray PWB.
5. Disconnect the connector on the tray elevating motor, PL 7.60 Item 10.
6. Remove the feed head support spring and retard roll, Figure 3.

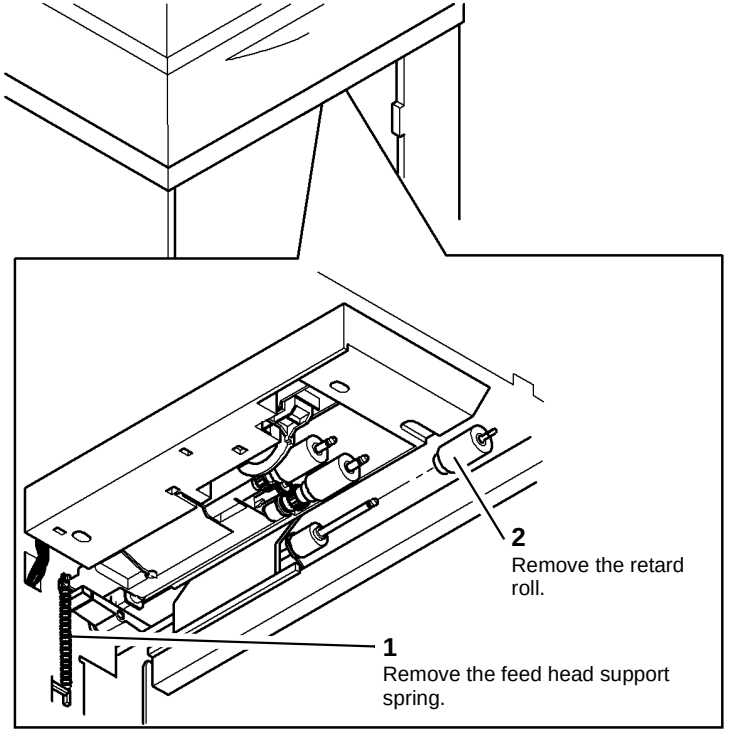

Figure 3 Spring and retard pad removal

7. Remove the HCF feed assembly, Figure 4.

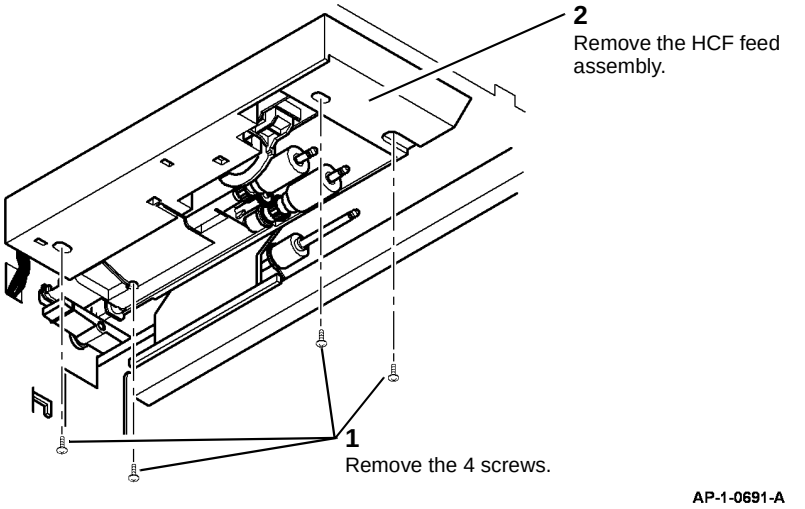

Figure 4 Remove the feed assembly

8. As necessary, remove the stack height sensor or paper empty sensor, Figure 5.

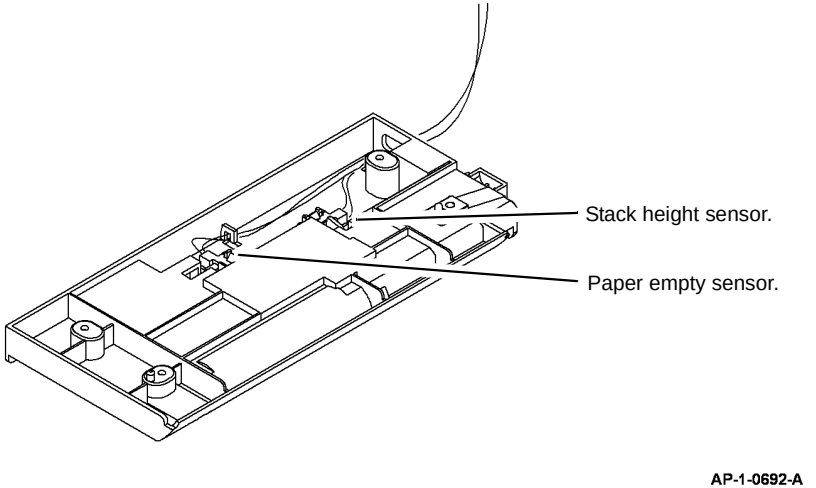

Figure 5 Sensors

Replacement

1. Replacement is the reverse of the removal procedure. To reinstall the HCF feed assembly, refer to Figure 6.

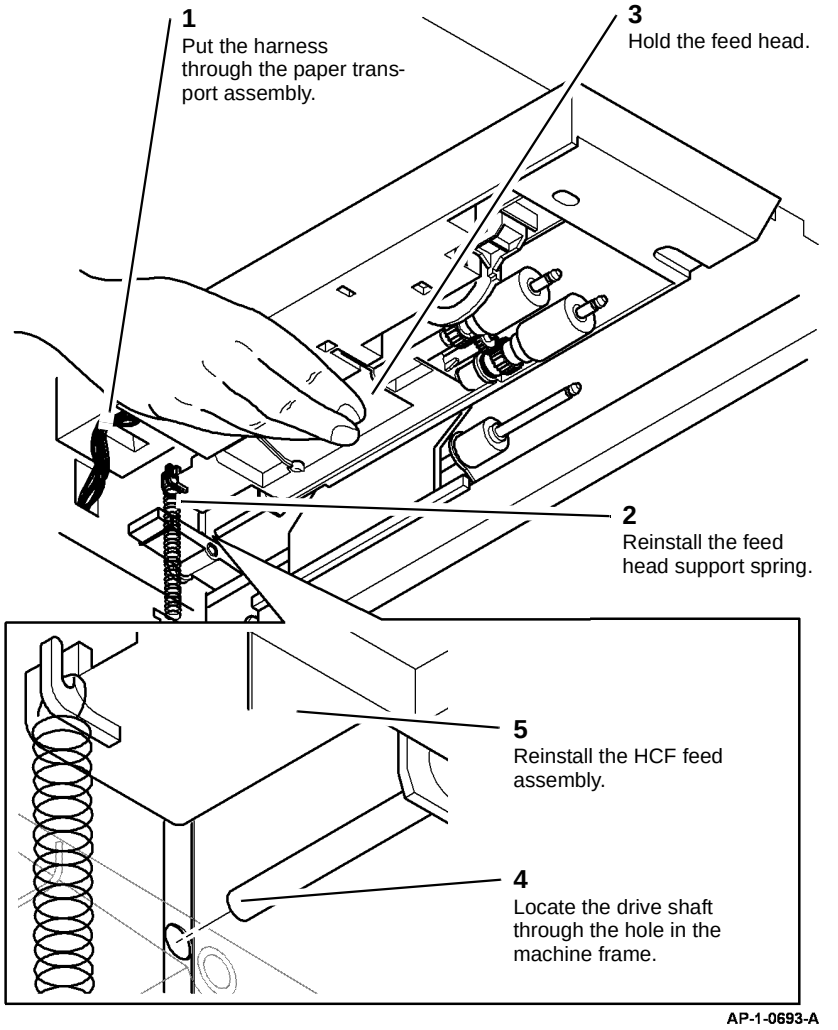

Figure 6 Reinstalling the feed assembly

REP 7.6 HCF Paper Transport Sensors and Transport Roll Gear

Parts List on PL 7.65

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. If necessary, remove the finisher, REP 12.1.

WARNING

Mandatory safety warning. This procedure must be performed by two people. The module is heavy.

NOTE: *The weight of the machine is 45Kg (99lb). The weight of each additional tray is 11.85Kg (26lb).*

2. Remove the machine and tray 2 from the HCF.
3. Remove the HCF paper tray, refer to REP 7.5.
4. Remove the HCF rear cover, PL 7.45 Item 4.
5. Remove the tray pickup clutch and drive gears, refer to REP 7.5.
6. Remove the HCF feed motor assembly, PL 7.50 Item 19.
7. Disconnect CN7 and CN10 from the HCF PWB.
8. Disconnect the connector on the tray elevating motor, PL 7.60 Item 10.

NOTE: *The paper transport assembly and tray feed assembly are removed as a unit.*

9. Prepare to remove the paper transport and tray feed unit, Figure 1.

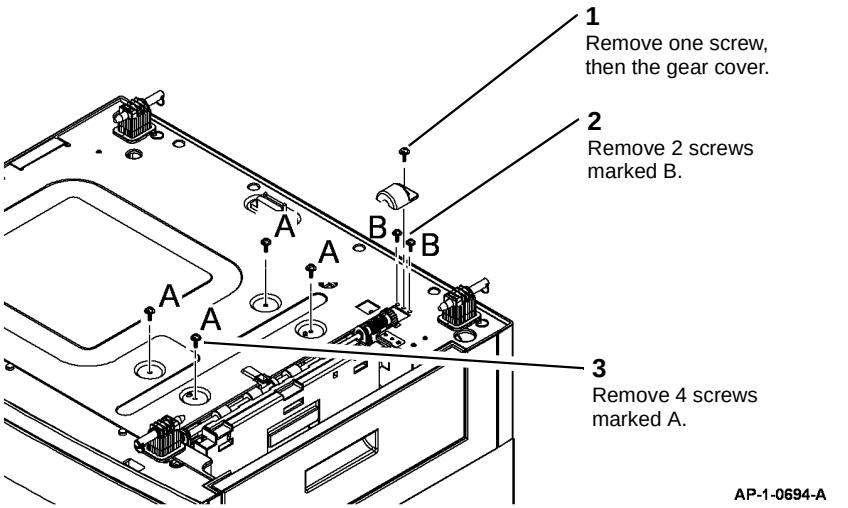

Figure 1 Preparation

10. Open the HCF cover door, PL 7.50 Item 4, then the access door, PL 7.50 Item 5.
11. Remove the paper transport and tray feed unit, Figure 2.

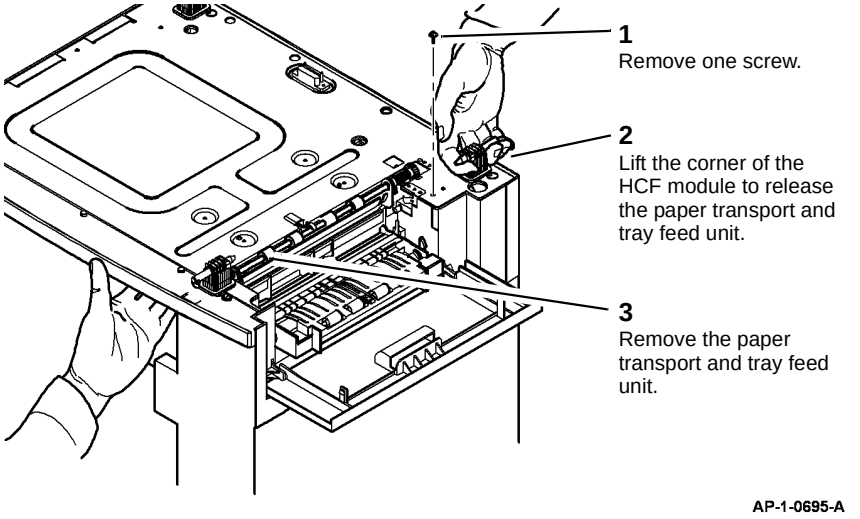

Figure 2 Unit removal

12. As necessary, remove the tray feed sensor, HCF door sensor or transport roll gear, Figure 3.

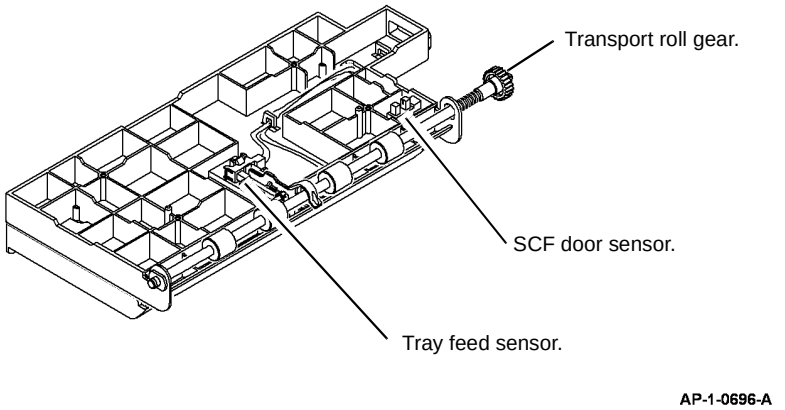

Figure 3 Sensors and gear

Replacement

Replacement is the reverse of the removal procedure. When reinstalling the paper transport and tray feed unit, refer to Figure 4.

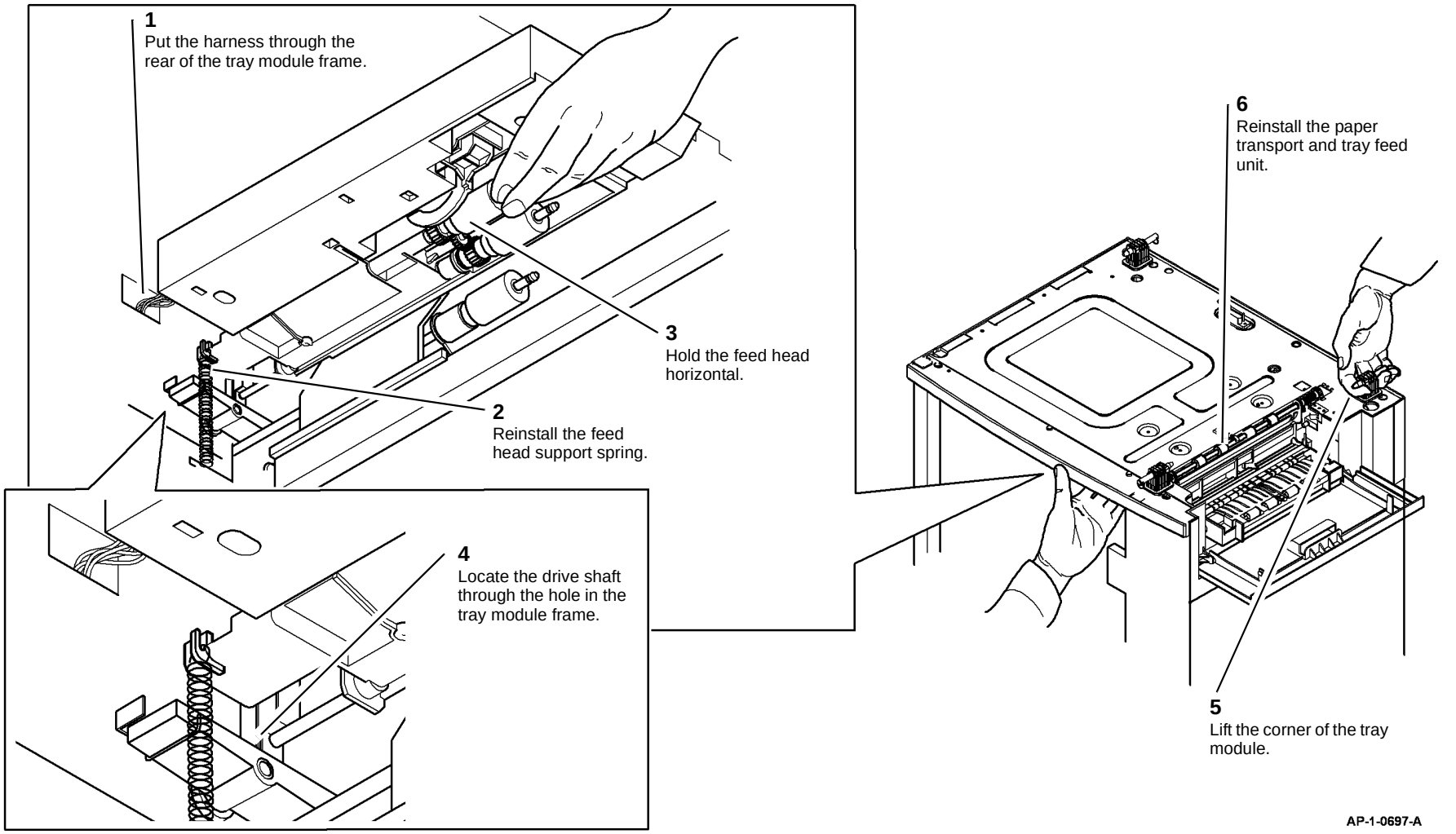

Figure 4 Replacement

REP 7.7 Tray 2, 3 and 4 Feed Assembly and Sensors

Parts List on PL 8.10

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

NOTE: *A short, crosshead screwdriver, PL 26.10 Item 2 is required to remove the 4 screws that secure the tray 1 feed assembly. The screwdriver is supplied in the service training kit.*

1. Remove the paper tray from the damaged tray assembly.
2. Remove the tray rear cover, PL 7.20 Item 10.
3. Remove the tray pickup clutch and 3 gears, refer to REP 7.2.
4. Disconnect CN7 from the tray PWB.
5. Disconnect the connector on the tray elevating motor, PL 7.60 Item 10.
6. Remove the feed head support spring and retard roll, Figure 1.

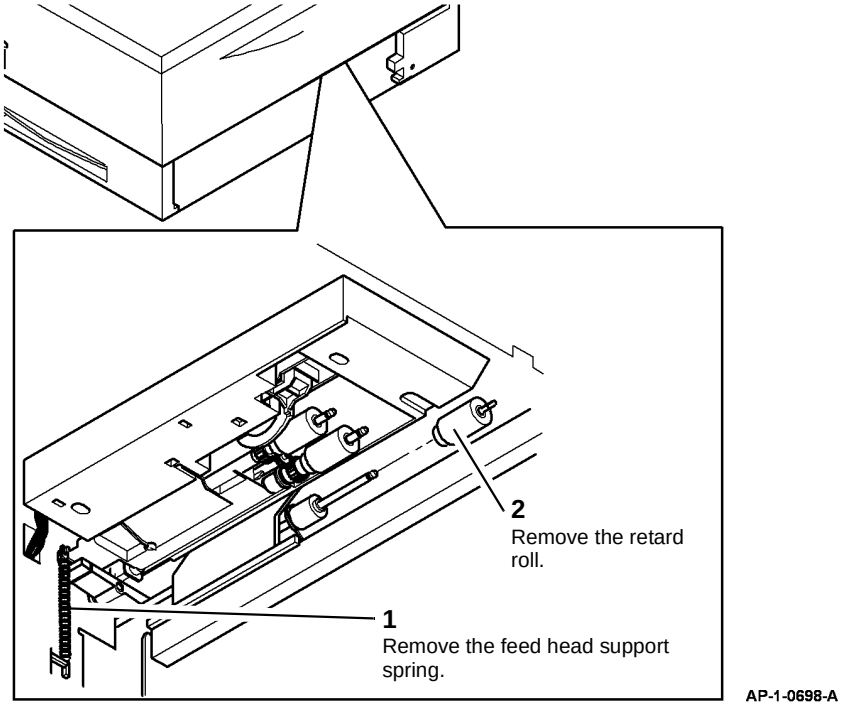

Figure 1 Spring and retard pad removal

7. Remove the tray feed assembly, Figure 2.

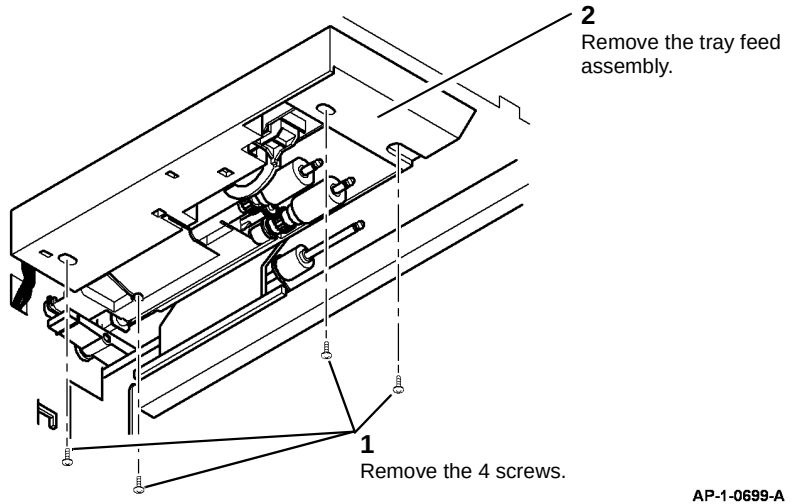

Figure 2 Remove the feed assembly

8. As necessary, remove the stack height sensor or paper empty sensor, Figure 3.

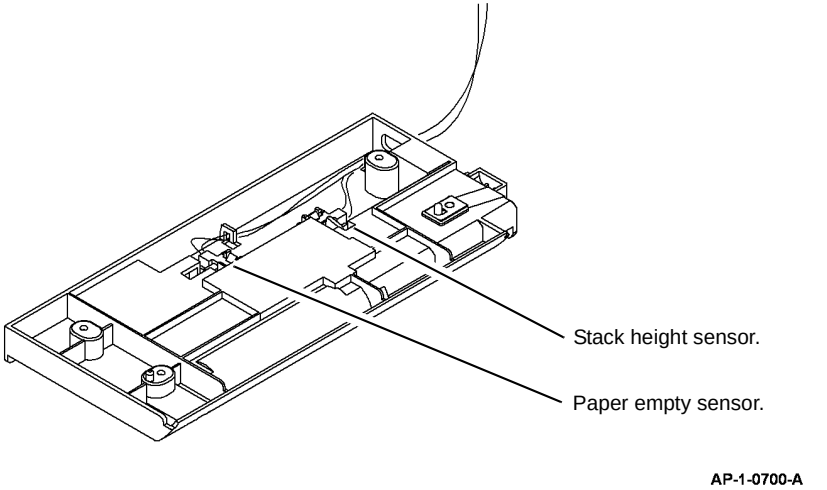

Figure 3 Sensors

Replacement

1. Replacement is the reverse of the removal procedure. To reinstall the tray feed assembly, refer to Figure 4.

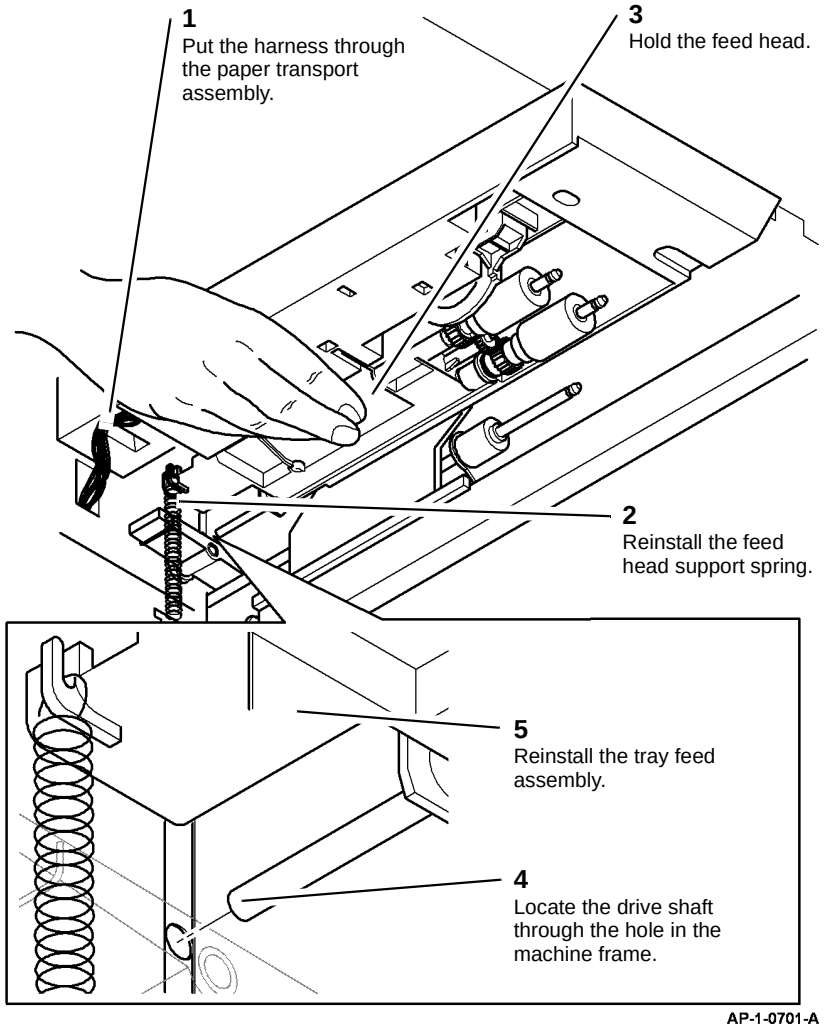

Figure 4 Reinstalling the feed assembly

REP 8.1 Side Cover Assembly

Parts List on PL 7.30

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the rear cover, PL 28.10 Item 6.
2. Open the side cover assembly, PL 7.30 Item 1.
3. Prepare to remove the side cover assembly, Figure 1.

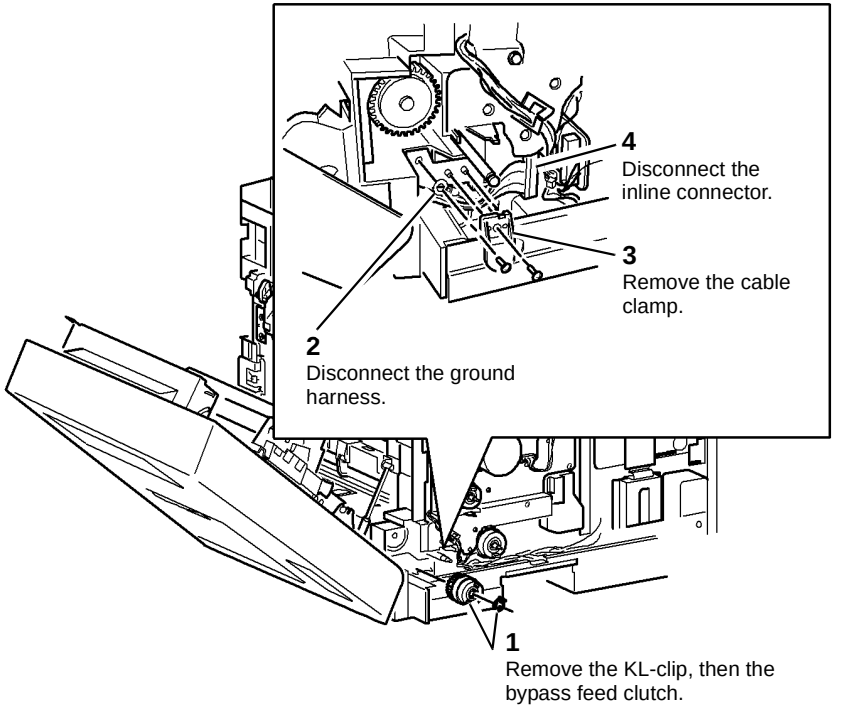

Figure 1 Preparation

4. Remove the side cover assembly, Figure 2.

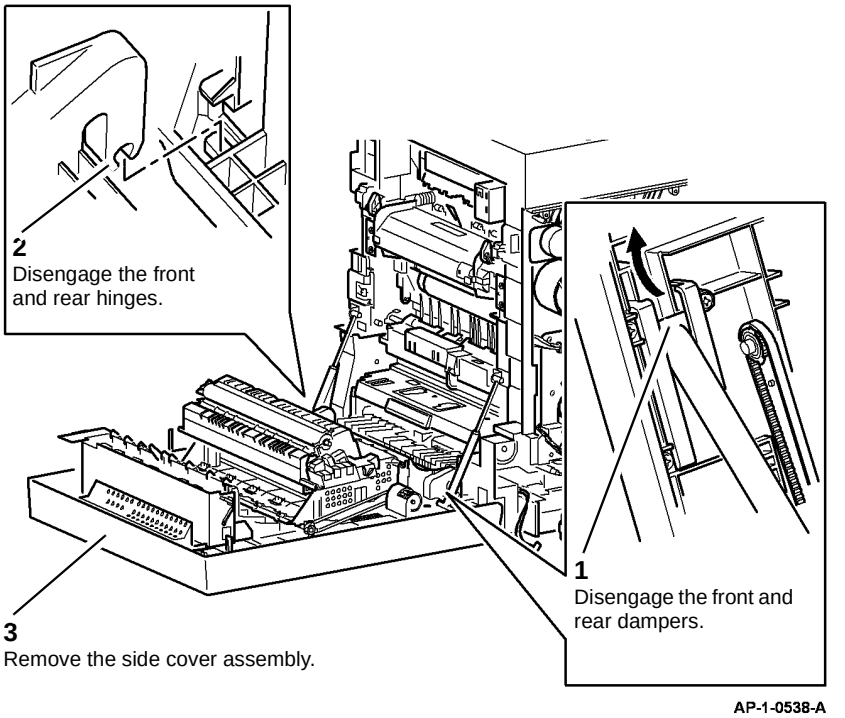

Figure 2 Side cover assembly removal

Replacement

Replacement is the reverse of the removal procedure.

REP 8.2 Registration Roll and Guide Components

Parts List on PL 4.15, PL 8.15

Purpose

NOTE: *Only perform the steps that are necessary to repair the damaged component.*

This procedure is used to repair the following components:

- Registration roll, PL 4.15 Item 1.
- Registration roll bearings, PL 4.15 Item 2.
- Registration roll cover, PL 8.15 Item 2.
- Registration sensor, PL 8.15 Item 8.
- Duplex jam 2 sensor, PL 8.15 Item 8.
- Feed sensor, PL 8.15 Item 8.
- Registration sensor actuator assembly, PL 8.15 Item 14.
- Feed sensor actuator assembly, PL 8.15 Item 13.
- Duplex jam 2 sensor actuator assembly, PL 8.15 Item 15.
- Registration idler roll, PL 4.15 Item 7.
- Registration idler roll bearings, PL 4.15 Item 6.

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

NOTE: *The 4150 and 4250/4260 procedures are the same. In all figures, the 4150 is shown.*

1. Open the side cover assembly, PL 7.30 Item 1, then the front door.
2. Remove the toner cartridge, PL 9.10 Item 2, then the xerographic module, PL 9.10 Item 1.
3. Remove paper tray 1.
4. Remove the exit tray assembly, PL 28.10 Item 1 or the finisher, REP 12.1.
5. Remove the paper exit cover, PL 28.10 Item 4.
6. Remove the front door assembly, Figure 1.

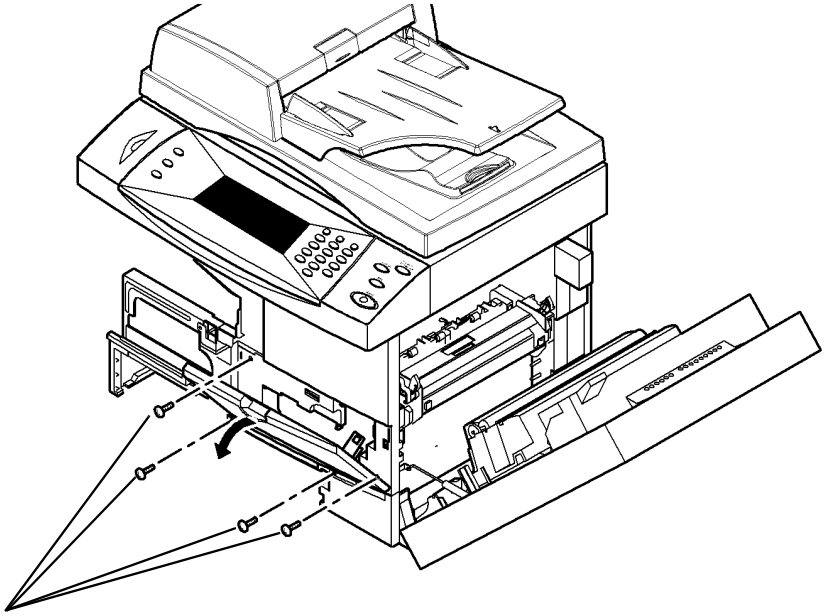

Figure 1 Front door removal

7. Remove the main drive assembly, (4150) REP 4.1 or (4250/4260), REP 4.3.
8. Remove the side cover assembly, REP 8.1.
9. Remove the fuser assembly, REP 10.1.

10. Prepare the rear of the registration roll, Figure 2.

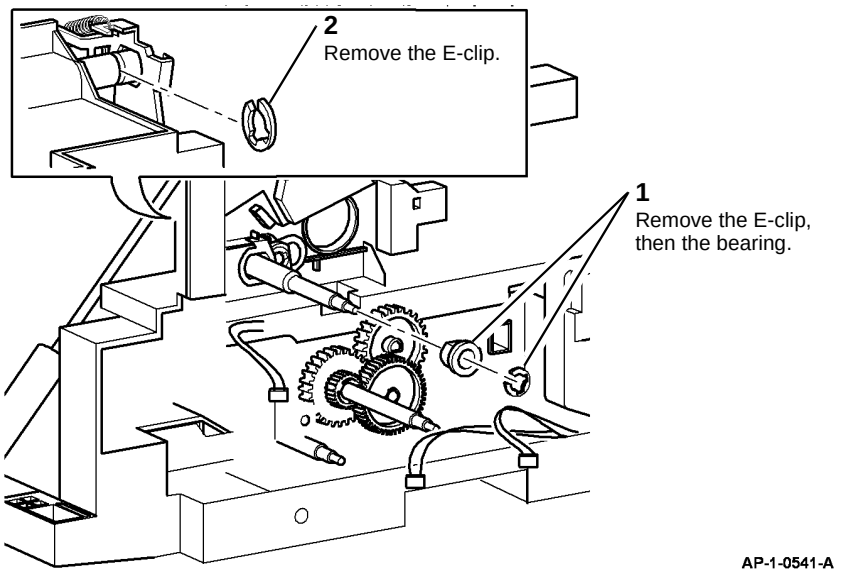

Figure 2 Preparation

11. Prepare the front of the registration roll, Figure 3.

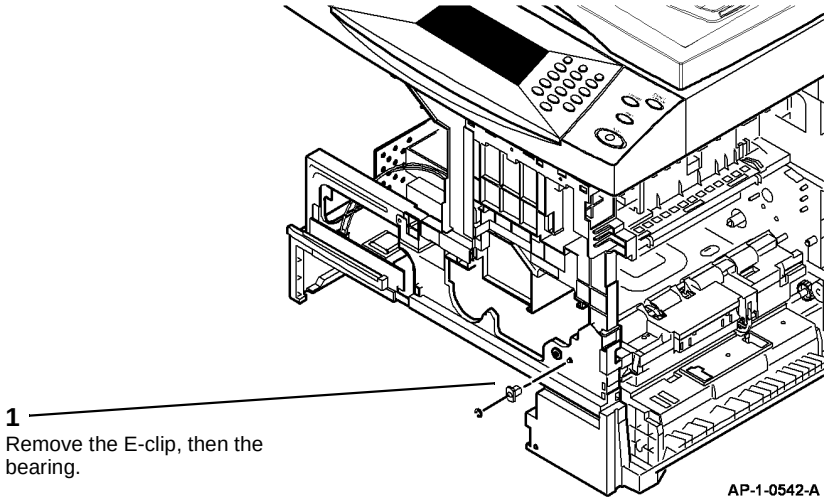

Figure 3 Preparation

12. Remove the registration roll cover, Figure 4.

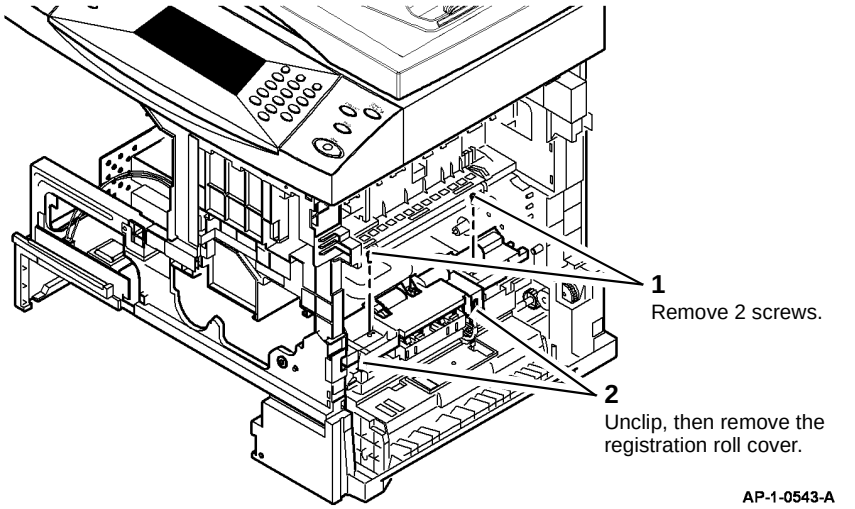

Figure 4 Cover removal

13. Remove the actuator assemblies, Figure 5.

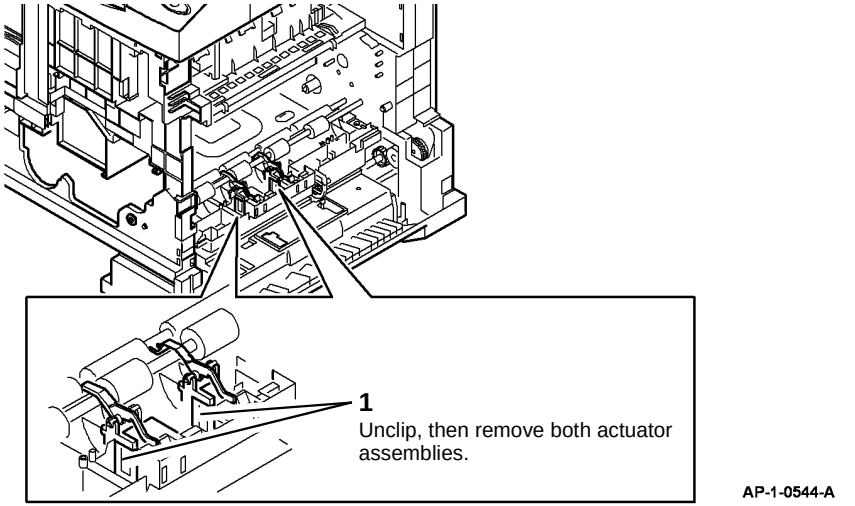

Figure 5 Actuator assembly removal

14. If necessary, remove the duplex jam 2 sensor actuator assembly, PL 8.15 Item 15.

15. Remove the registration guide, Figure 6.

NOTE: *The connectors in the registration guide can remain connected.*

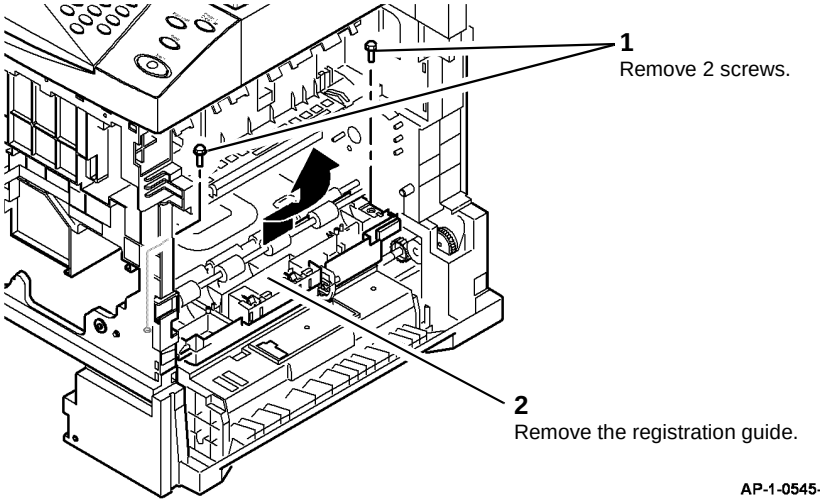

Figure 6 Registration guide removal

16. Remove the registration roll, Figure 7.

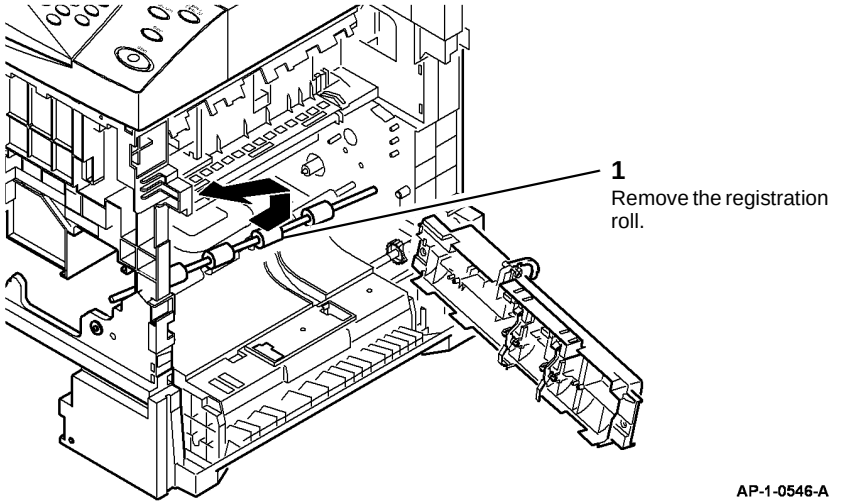

Figure 7 Registration roll removal

17. Remove the front registration idler roll bearing, Figure 8.

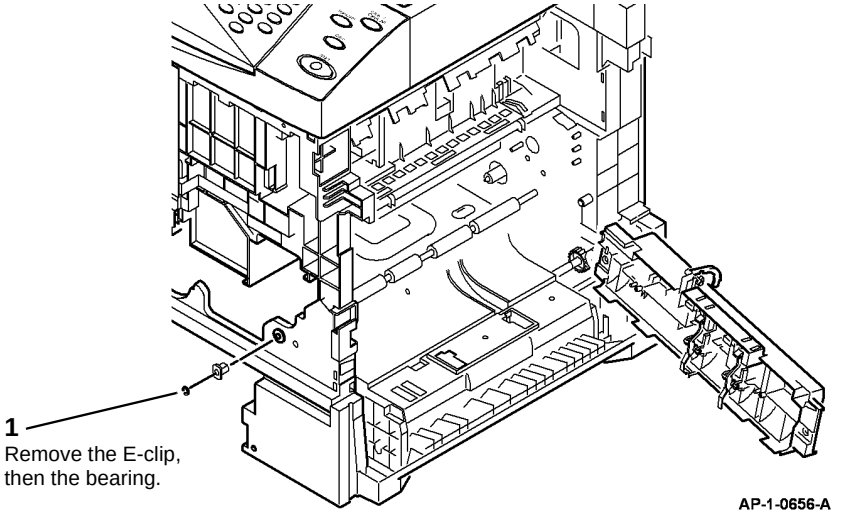

Figure 8 Front bearing removal

18. Remove the rear registration idler roll bearing, Figure 9.

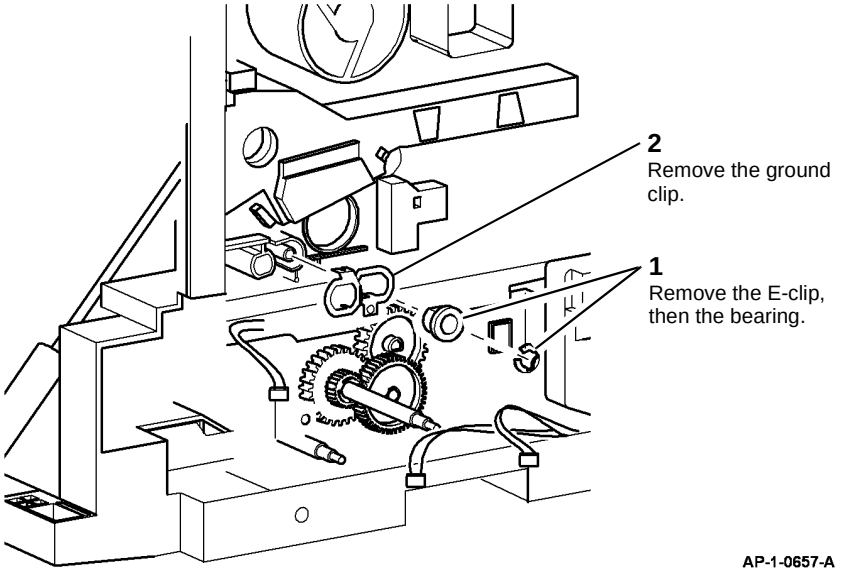

Figure 9 Rear bearing removal

19. Release the front the and rear tension springs, Figure 10.

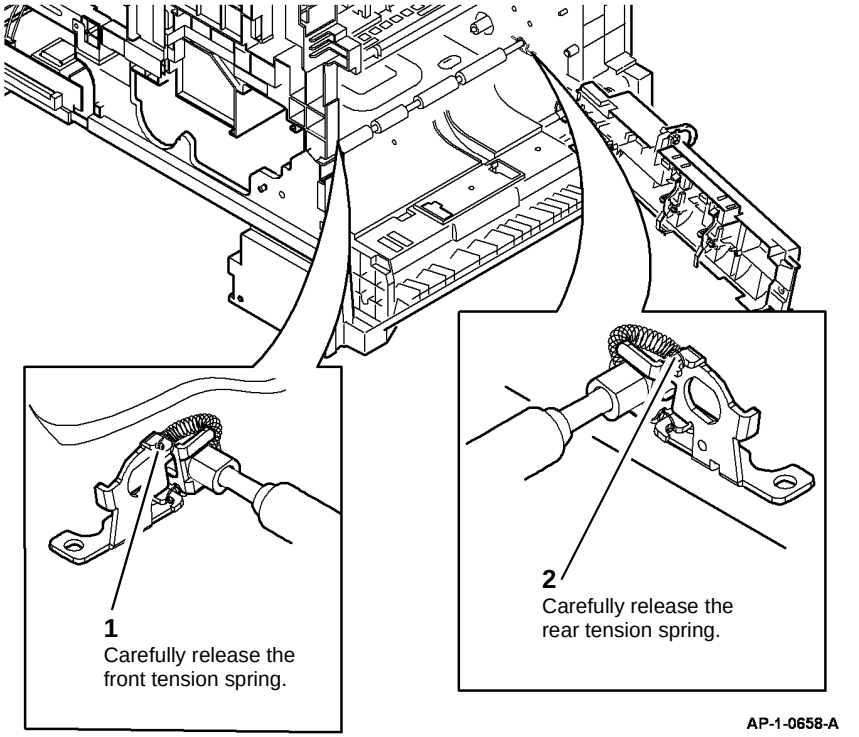

Figure 10 Tension springs

20. Remove the registration roll idler, Figure 11.

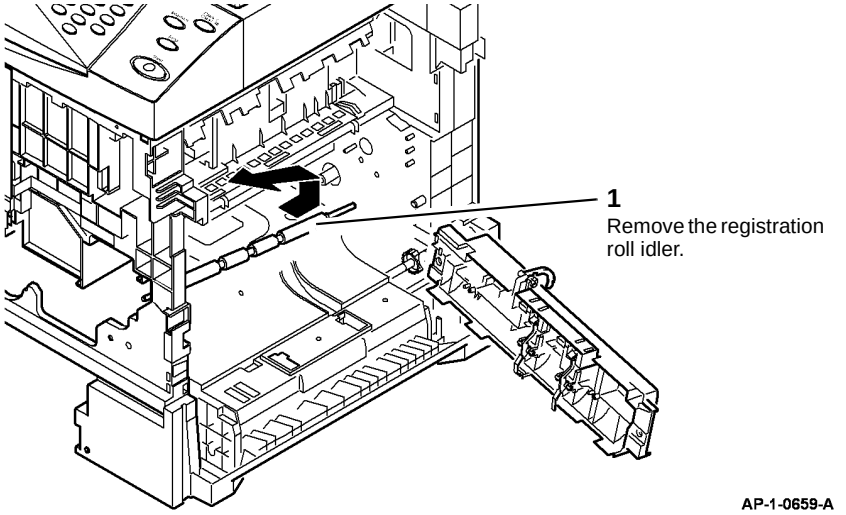

Figure 11 Registration roll idler removal

Replacement

1. Replacement is the reverse of the removal procedure.
2. The actuators are different. Ensure that they are installed correctly, refer to PL 8.15.

REP 8.3 Paper Transport Assembly

Parts List on PL 8.20

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the registration roll, REP 8.2.
2. Prepare the rear of the paper transport assembly, Figure 1.

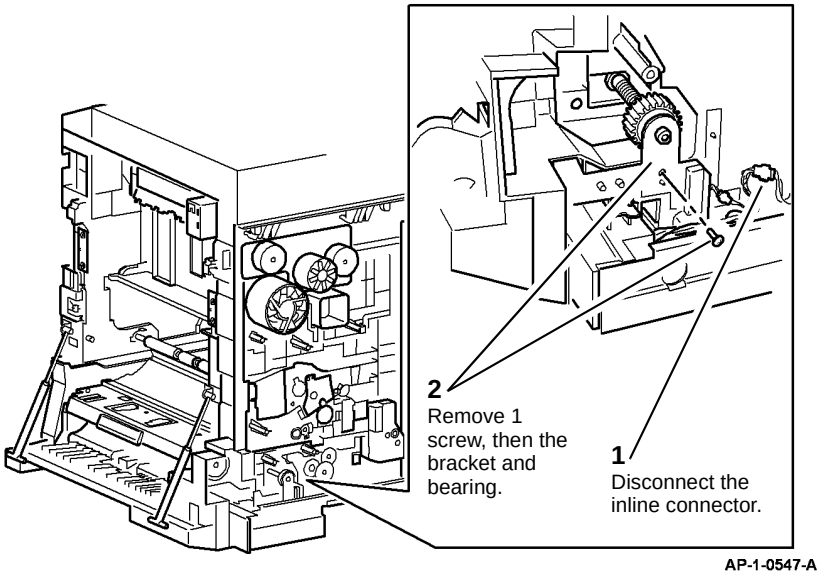

Figure 1 Preparation

3. Prepare to remove the paper transport assembly, Figure 2.

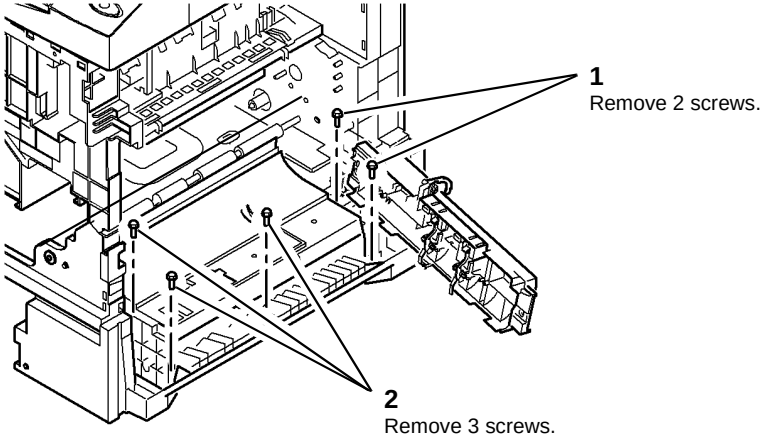

Figure 2 Preparation

4. Remove the paper transport assembly, Figure 3.

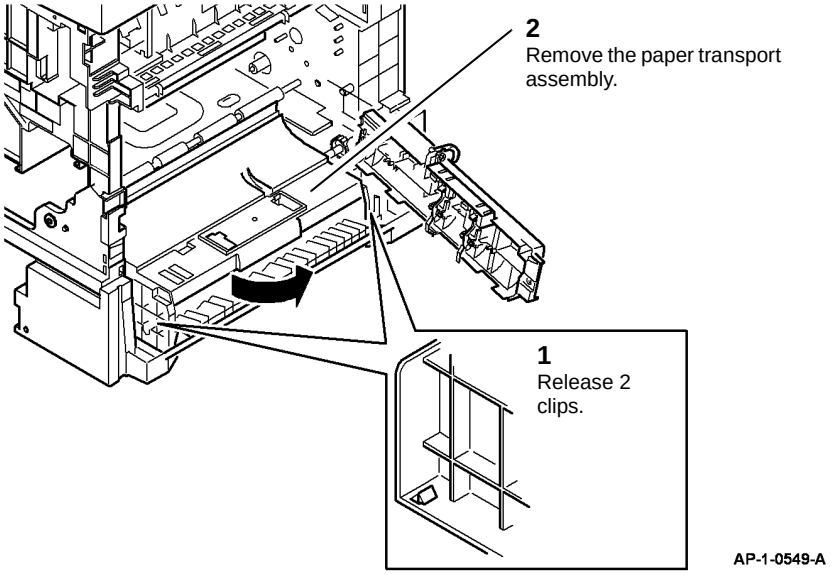

Figure 3 Remove the paper transport assembly

Replacement

Replacement is the reverse of the removal procedure.

REP 8.4 Speaker

Parts List on PL 7.17

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the paper transport assembly, REP 8.3.
2. Remove the speaker, Figure 1.

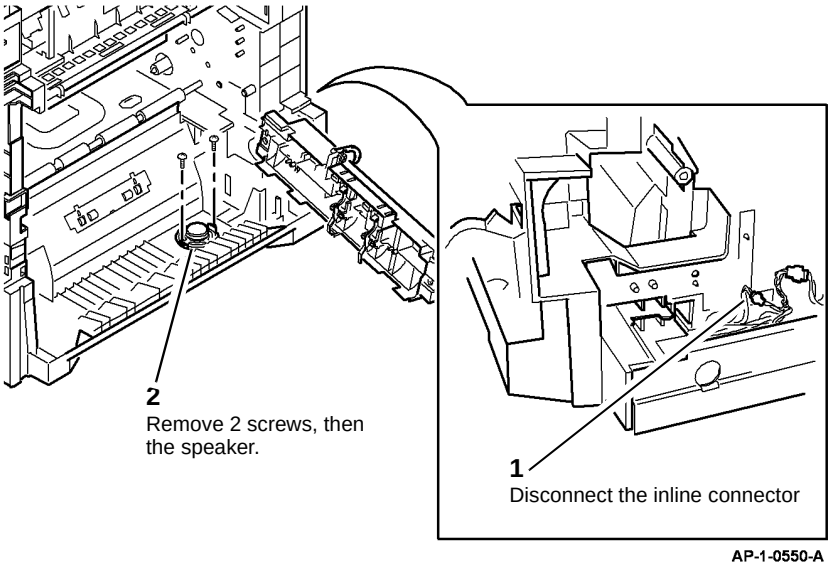

Figure 1 Speaker removal

Replacement

Replacement is the reverse of the removal procedure.

REP 8.5 Bypass Tray Retard Assembly

Parts List on PL 8.20

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the main drive assembly, (4150) REP 4.1 or (4250/4260) REP 4.3.
2. Remove the side cover assembly, REP 8.1.
3. Remove the bypass tray retard assembly, Figure 1.

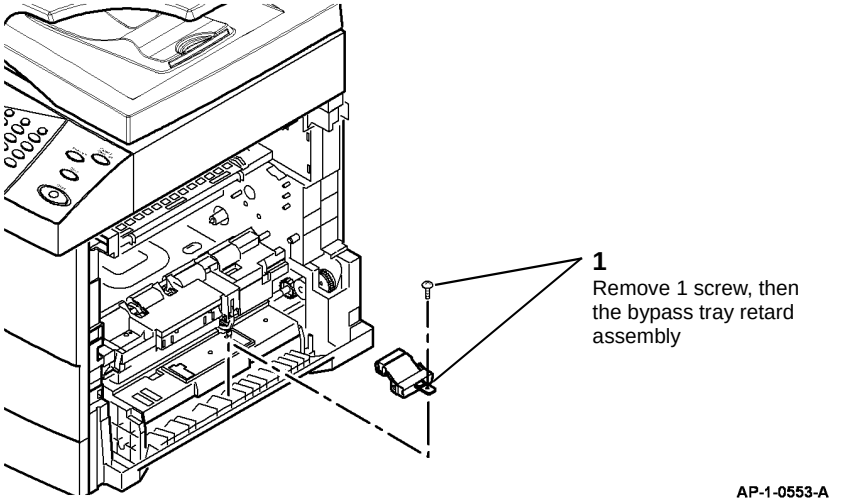

Figure 1 Removal

4. If necessary, remove the retard pad, PL 8.20 Item 4.

Replacement

Replacement is the reverse of the removal procedure. If a new retard assembly is installed, reset the HFSI count to zero. Go to GP 16 High Frequency Service Items.

REP 8.6 Bypass Tray Feed Roll Assembly

Parts List on PL 8.20

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the paper transport assembly, REP 8.3.
2. Remove the bypass tray retard assembly, REP 8.5
3. Remove the feed roll assembly support spring, Figure 1.

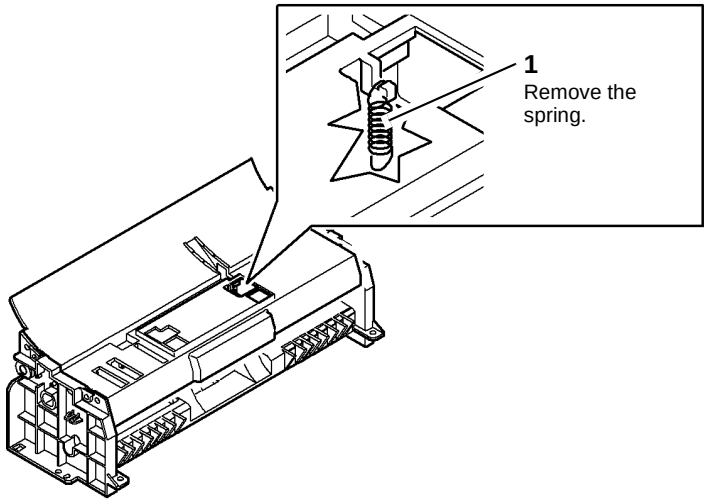

Figure 1 Spring removal

4. Remove the paper transport upper guide, Figure 2.

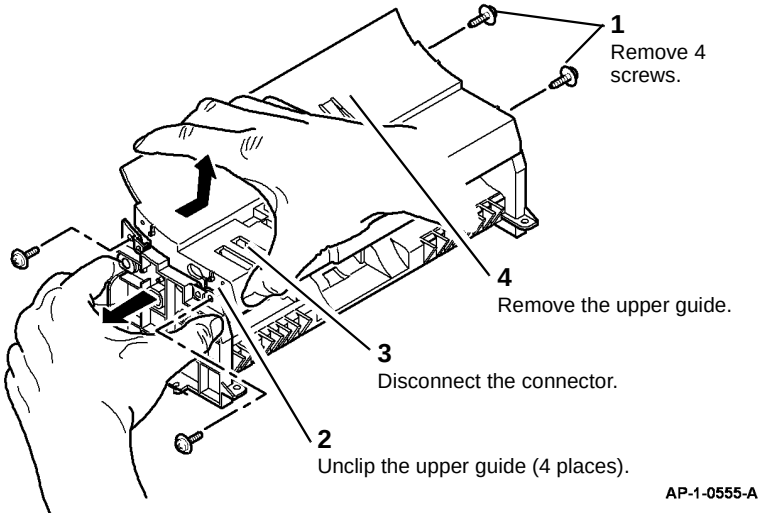

Figure 2 Upper guide removal

5. Remove the feed roll assembly, Figure 3.

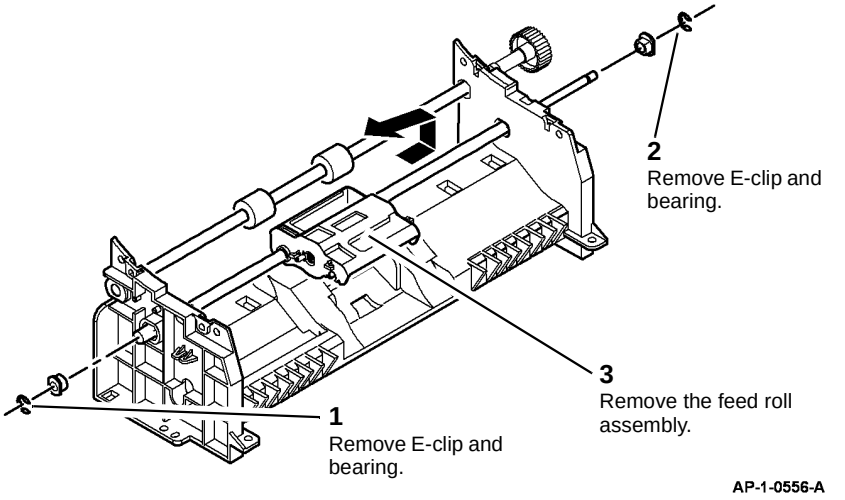

Figure 3 Feed roll removal

Replacement

1. Replacement is the reverse of the removal procedure.

CAUTION

Do not damage the mylar guides positioned above the link arms. For clarity, the mylar guides are not shown in Figure 4.

2. When the paper transport assembly is reassembled, ensure that the feed gates and link arms are located correctly, Figure 4.

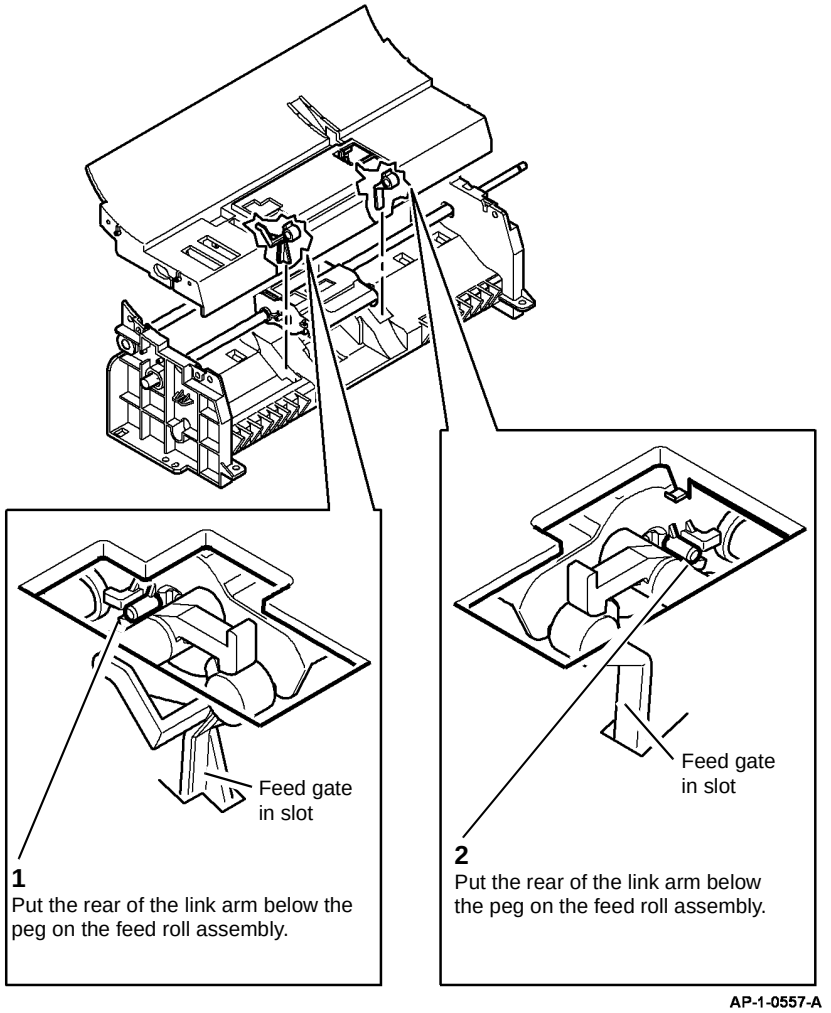

Figure 4 Position of feed gates

REP 8.7 Transport Roll Idler Assembly

Parts List on PL 7.17

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the paper transport assembly, REP 8.3.

CAUTION

The guide is secured by 5 clips. Take care when removing the guide. The clips are easily broken.

2. Remove the guide, Figure 1.

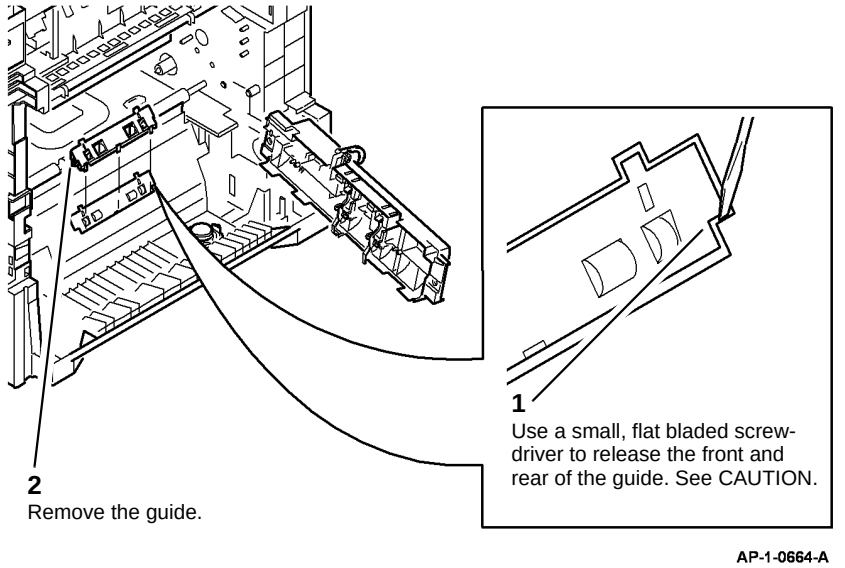

Figure 1 Guide removal

3. Remove the transport roll idler assembly, PL 7.17 Item 5.

Replacement

Replacement is the reverse of the removal procedure.

REP 9.1 Toner Dispense Motor

Parts List on (4150) PL 4.20 and (4250/4260) PL 4.25

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

NOTE: *The 4150 and 4250/4260 procedures are similar. The 4150 is shown in Figure 1.*

1. Remove the main drive assembly, (4150) REP 4.1 or (4250/4260) REP 4.3.
2. Remove the toner dispense motor, Figure 1.

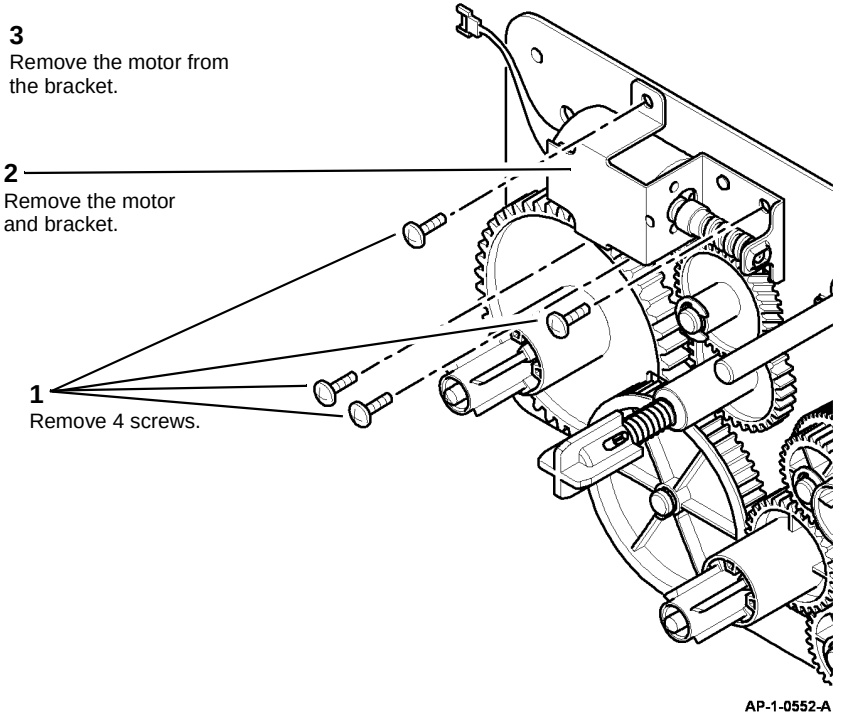

Figure 1 Toner dispense motor removal

Replacement

Replacement is the reverse of the removal procedure.

REP 9.2 Xerographic Module Connector and CRUM PWB (4150)

Parts List on PL 4.15

Removal

NOTE: *This procedure should only be performed on the 4150. For the 4250/4260 procedure, refer to the table of contents.*

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the main drive assembly, REP 4.1.
2. Remove the xerographic module connector, Figure 1.

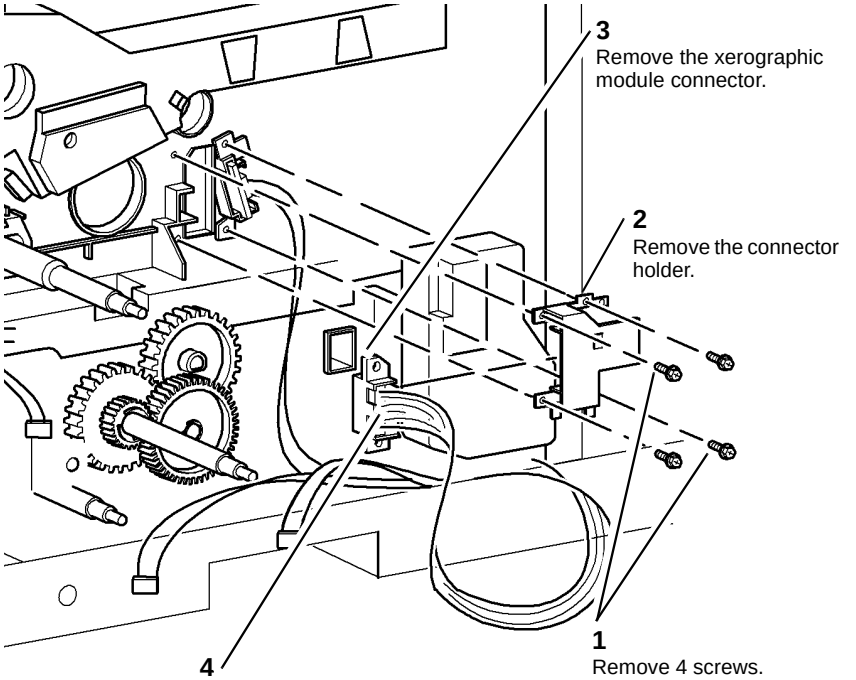

Figure 1 Connector removal

3. Remove the CRUM PWB, Figure 2.

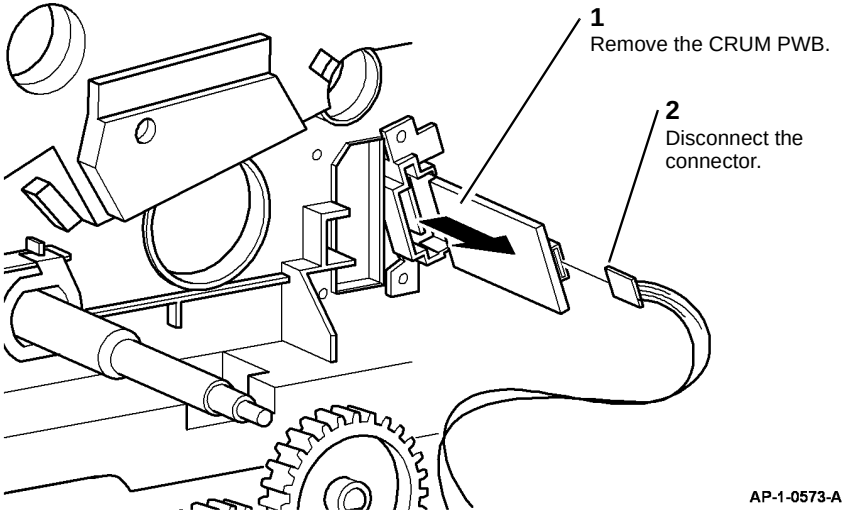

Figure 2 PWB removal

Replacement

Replacement is the reverse of the removal procedure.

REP 9.3 Terminal Assembly

Parts List on PL 4.15

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the exit tray assembly, PL 28.10 Item 1 or finisher, REP 12.1.
2. Remove the paper exit cover, PL 28.10 Item 4.
3. Disconnect (4150) CON1 or (4250/4260) CON2 on the HVPS.
4. Release the harness from the cable tie and cable clamp.
5. Remove the main drive assembly, (4150) REP 4.1 or (4250/4260) REP 4.3.
6. Remove the terminal assembly, Figure 1.

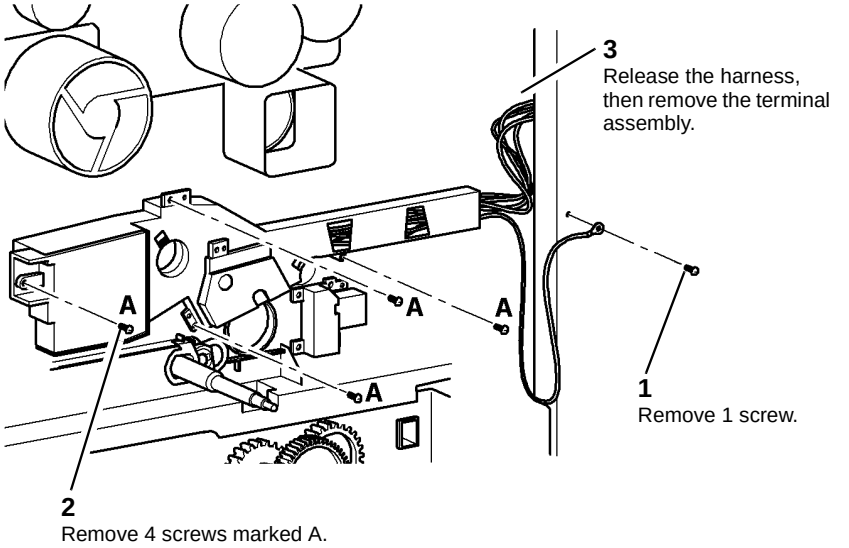

Figure 1 Terminal assembly removal

Replacement

Replacement is the reverse of the removal procedure.

REP 9.4 Xerographic Module Connector (4250/4260)

Parts List on PL 4.15

Removal

NOTE: *This procedure should only be performed on the 4250/4260. For the 4150 procedure, refer to the table of contents.*

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the main drive assembly, REP 4.3.
2. Remove the xerographic module connector, Figure 1.

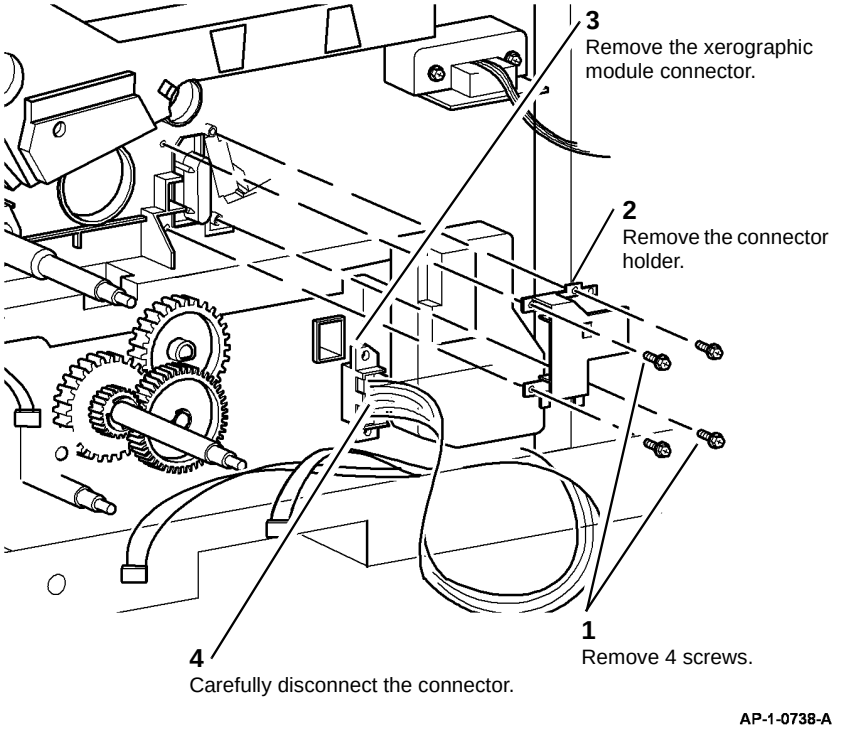

Figure 1 Connector removal

Replacement

Replacement is the reverse of the removal procedure.

REP 9.5 Toner Cartridge Connector (4250/4260)

Parts List on PL 4.15

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the main drive assembly, REP 4.3.
2. Remove the toner cartridge CRUM connector, Figure 1.

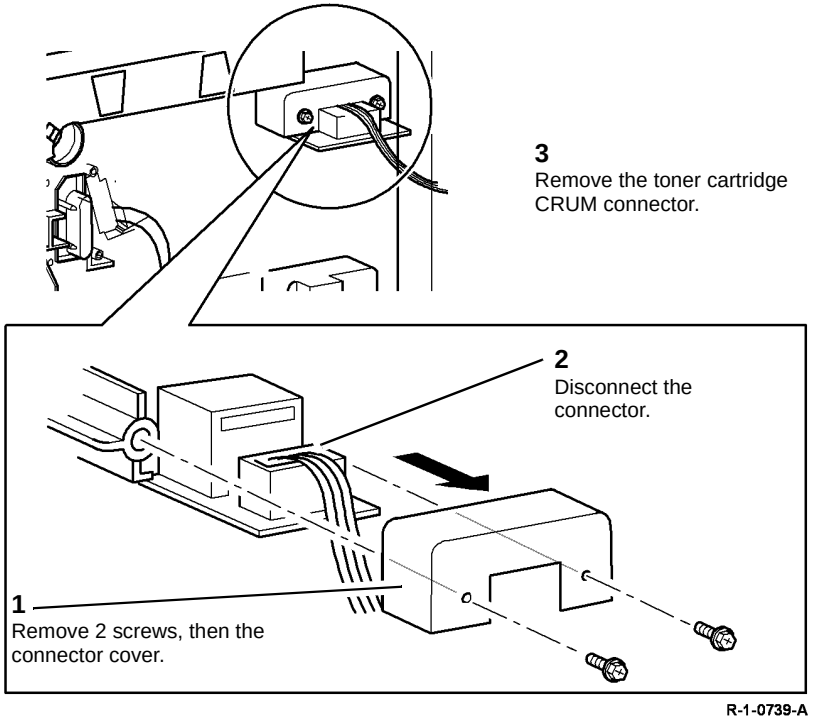

Figure 1 PWB removal

Replacement

Replacement is the reverse of the removal procedure.

REP 10.1 Fuser Assembly

Parts List on PL 10.10

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Do not touch the fuser while it is hot.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Open the side cover assembly, PL 7.30 Item 1.
2. Remove the fuser assembly, Figure 1.

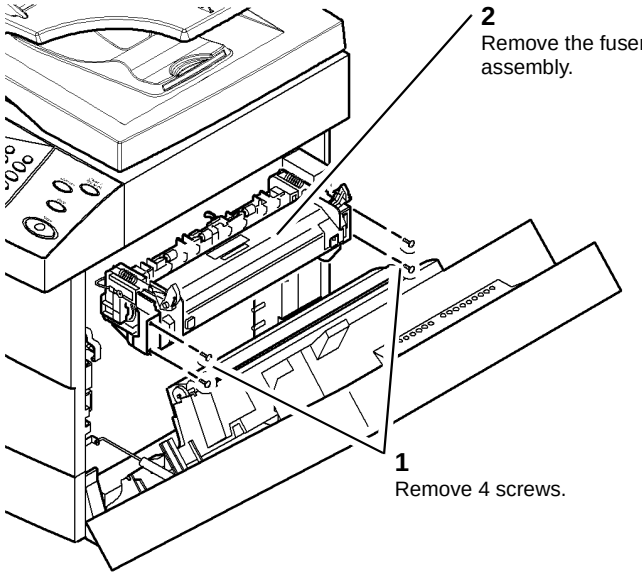

Figure 1 Fuser assembly removal

Replacement

CAUTION

Do not damage the exit sensor actuator when reinstalling the fuser assembly. Refer to Figure 2.

1. Replacement is the reverse of the removal procedure.
2. Ensure the exit sensor actuator is pushed to the left when the fuser assembly is reinstalled, Figure 2.

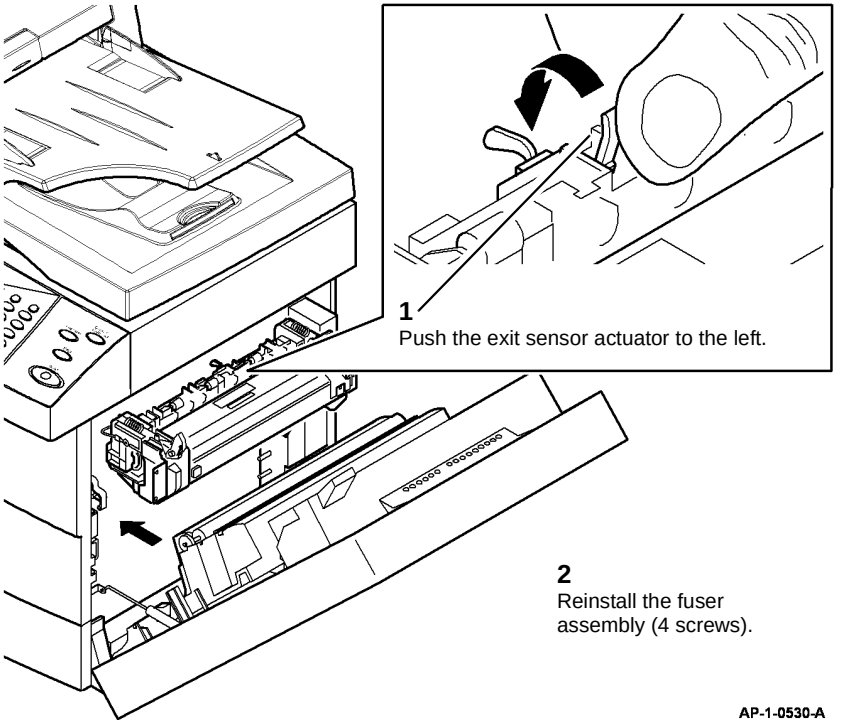

Figure 2 Fuser assembly replacement

3. **(4150)** If a new fuser assembly was installed, reset the HFSI count. Go to GP 16 High Frequency Service Items.

REP 10.2 Exit Guide Assembly and Exit Assembly

Parts List on PL 10.10

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the DADF. Refer to (4150) REP 5.1 or (4250/4260) REP 5.3.
2. Remove the scanner assembly, (4150) REP 14.1 or (4250/4260) REP 14.3.
3. Open the side cover assembly, PL 7.30 Item 1.
4. Remove the exit guide assembly, Figure 1.

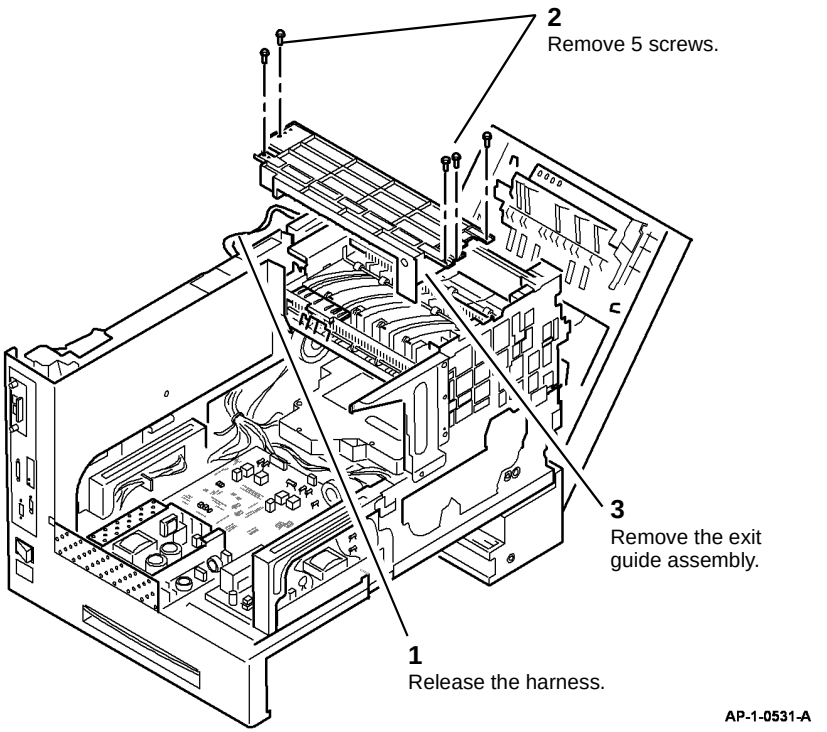

Figure 1 Exit guide assembly removal

5. Remove the exit assembly, Figure 2.

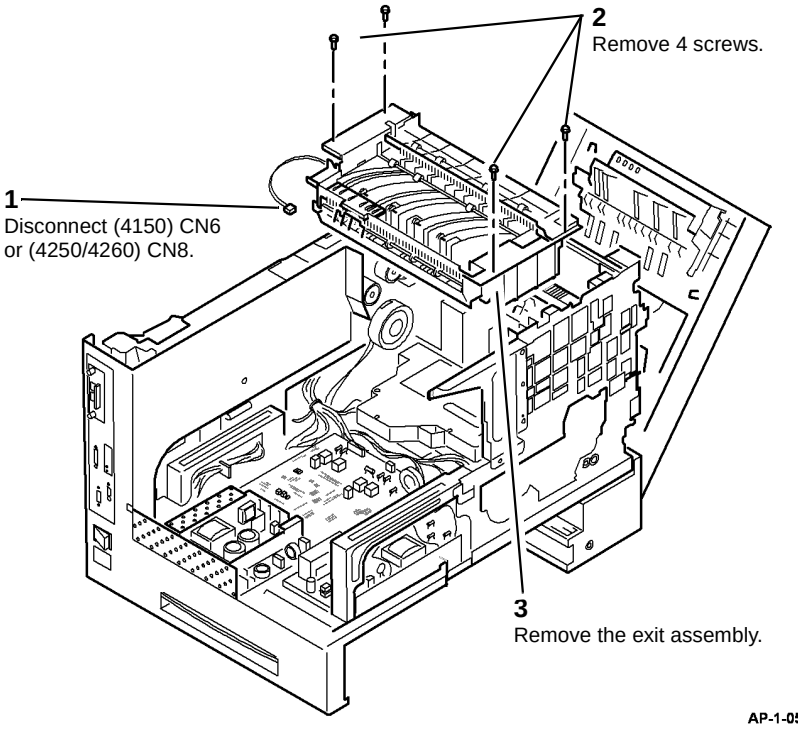

Figure 2 Exit assembly removal

Replacement

Replacement is the reverse of the removal procedure.

REP 10.3 Duplex Solenoid Assembly and Duplex Gate

Parts List on PL 10.15

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the exit assembly, REP 10.2.
2. Remove the support bracket, Figure 1.

NOTE: *When the support bracket is removed, the back of the duplex gate will be released.*

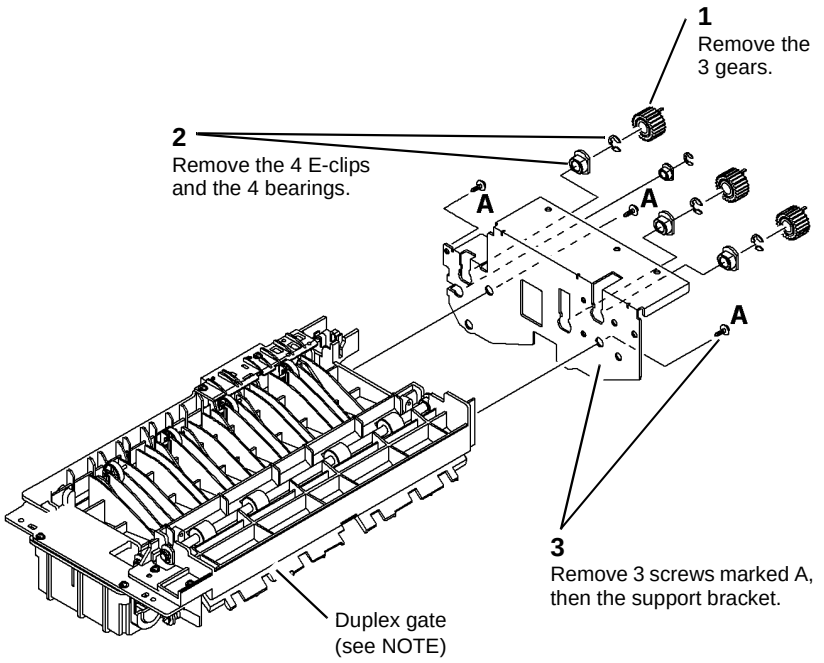

Figure 1 Support bracket removal

CAUTION

Take care when releasing the front of the duplex gate. The clip is easily broken.

3. Remove the duplex gate and exit assembly upper guide, Figure 2.

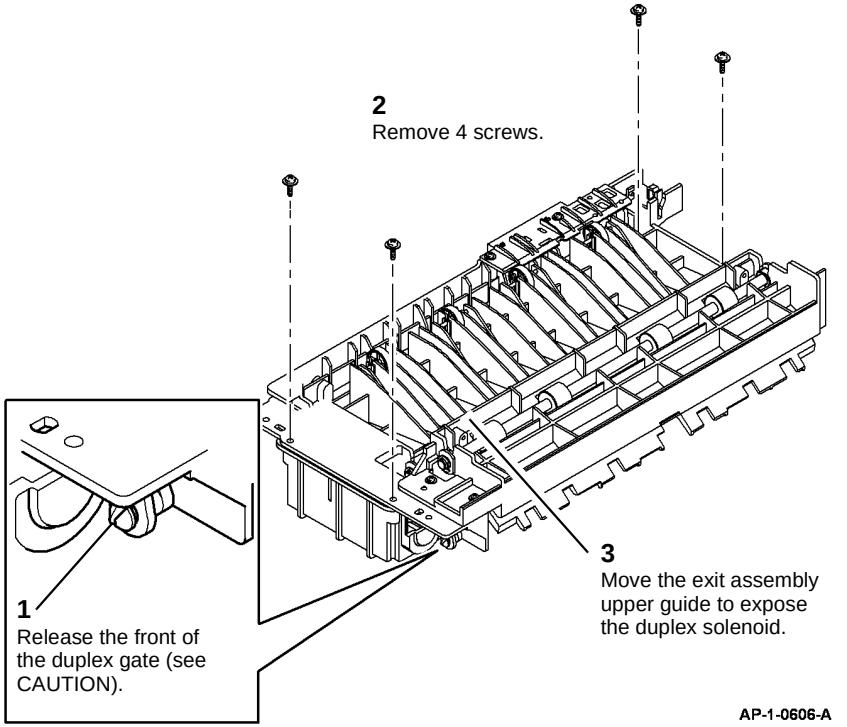

Figure 2 Upper guide removal

4. Remove the duplex solenoid assembly, Figure 3.

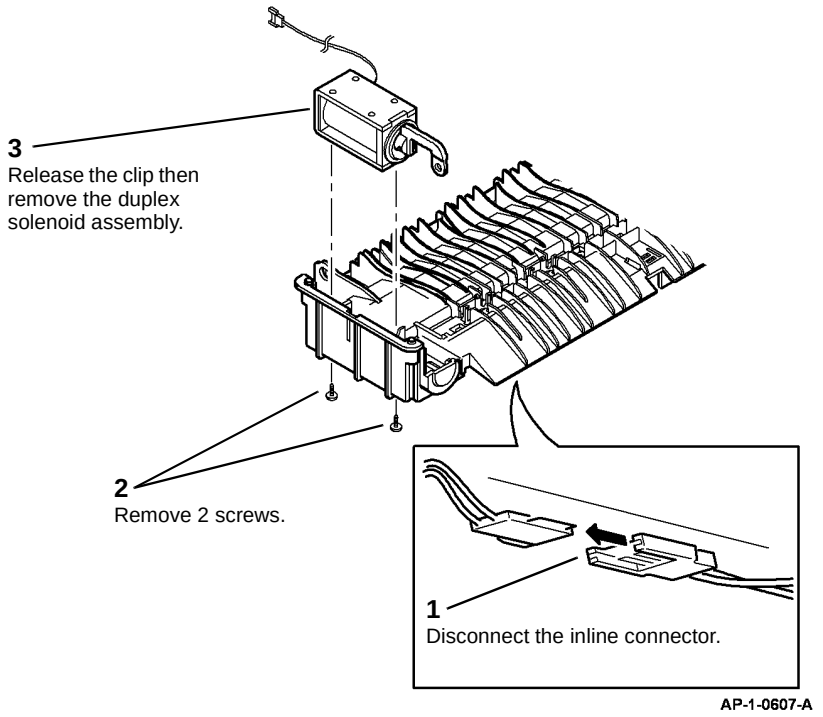

Figure 3 Duplex solenoid removal

Replacement

Replacement is the reverse of the removal procedure.

REP 10.4 Exit Drive Assembly

Parts List on PL 10.20

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the rear cover, PL 28.10 Item 6.
2. Remove the fuser fan duct, PL 4.15 Item 19.
3. Disconnect the connectors from the following motors:
   - Duplex motor, PL 10.20 Item 2.
   - Fuser motor, PL 10.20 Item 3.
   - Exit motor, PL 10.20 Item 2.
4. Remove the exit drive assembly, PL 10.20 Item 1.

   NOTE: *The position of each screw is numbered 1 to 4 on the motor drive plate. Remove the screws in reverse numerical order.*

Replacement

1. Replacement is the reverse of the removal procedure.
2. The 4 screws that secure the exit drive assembly must be installed in numerical order.

REP 10.5 Fuser Assembly Components (4150)

Parts List on PL 10.10, PL 10.25 and PL 10.26

Purpose

This procedure is used to repair the following components:

NOTE: *Only perform the steps that are necessary to repair the damaged component.*

- Springs, PL 10.25 Item 7.
- Carbon brush assemblies, PL 10.26 Item 7.
- Heat roller assembly, PL 10.26 Item 12.

  NOTE: *If a new heat roller assembly is installed, also install a new heat roller collar, PL 10.26 Item 16.*

- Heat roller collar, PL 10.26 Item 16.
- Heat roller bearings, PL 10.26 Item 15.
- Pressure roller bearings, PL 10.26 Item 22.

Removal

NOTE: *This procedure should only be performed on the 4150. For the 4250/4260 procedure, refer to the table of contents.*

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Do not touch the fuser while it is hot.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the fuser assembly, REP 10.1.
2. Separate the fuser assembly, Figure 1.

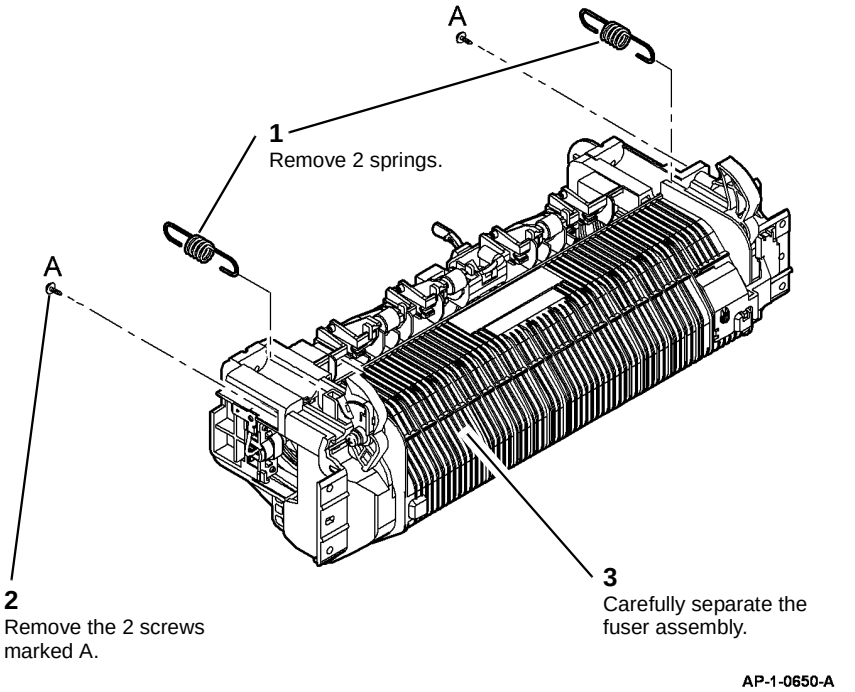

Figure 1 Fuser assembly separation

3. Remove the front and rear carbon brush assemblies, Figure 2.

NOTE: *Figure 2 shows the removal of the front carbon brush assembly. The procedure for removing the front or rear carbon brush assembly is identical.*

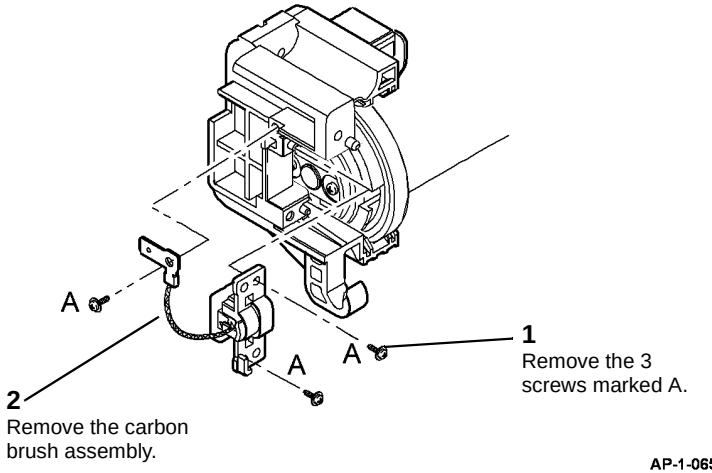

Figure 2 Carbon brush removal

CAUTION

Do not damage the fuser stripper fingers when removing the heat roller assembly.

4. Remove the heat roller and bearings, Figure 3.

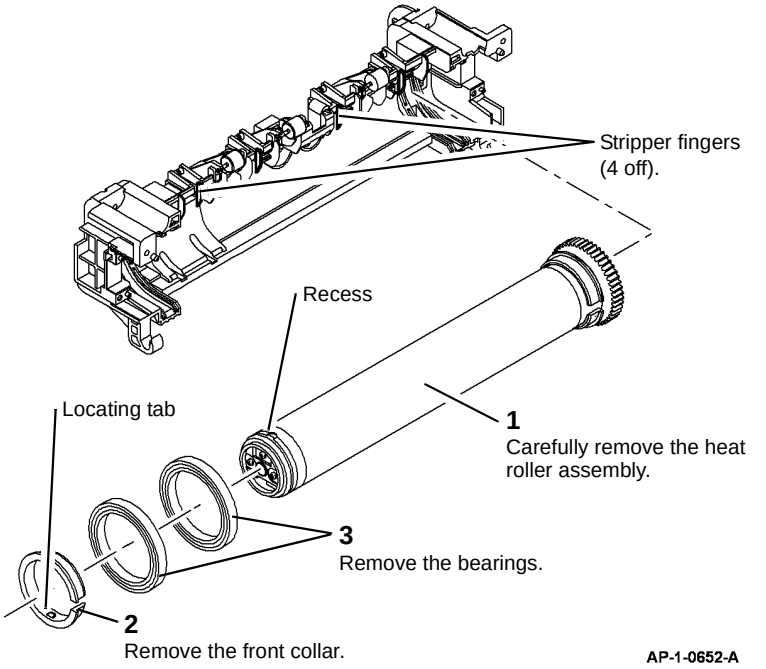

Figure 3 Heat roller removal

5. Prepare to remove the pressure roller bearings, Figure 4.

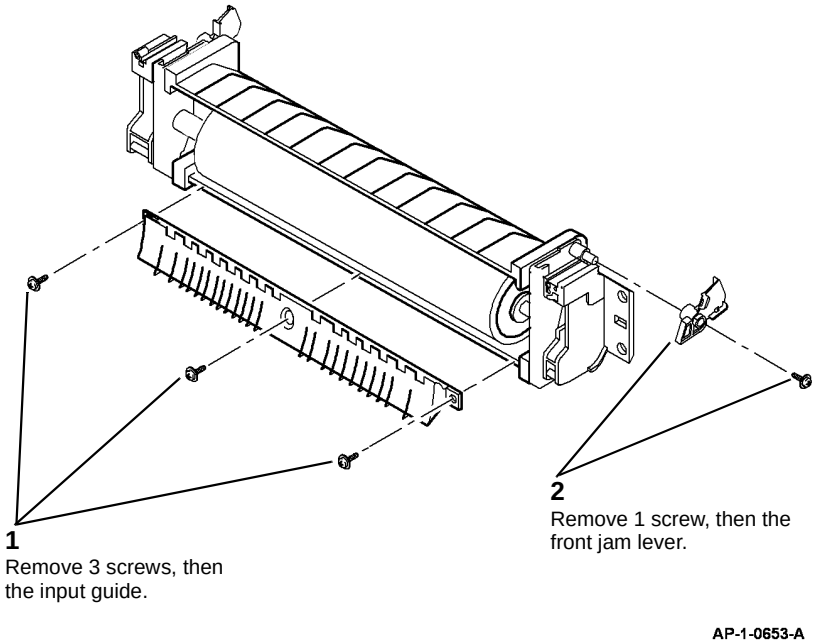

Figure 4 Preparation

6. Remove the pressure roller bearings, Figure 5.

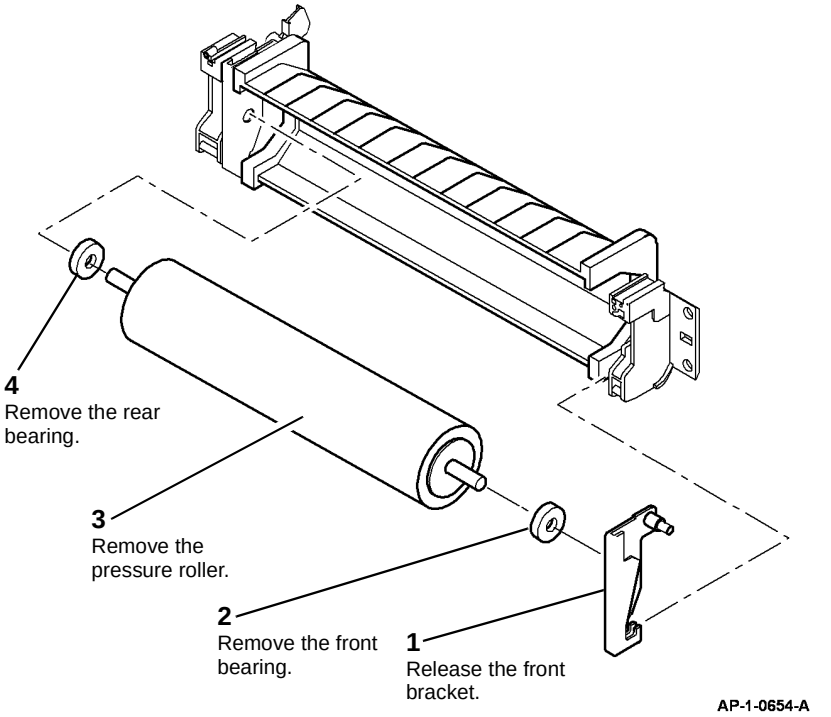

Figure 5 Pressure roller bearing removal

7. Remove the cleaning shaft, PL 10.26 Item 25.

Replacement

CAUTION

Do not damage the fuser stripper fingers when reinstalling the heat roller assembly, refer to Figure 3.

1. Replacement is the reverse of the removal procedure.
2. Ensure the locating tabs on the front heat roller collar are position in the recesses on the heat roller, refer to Figure 3.
3. Ensure that the spring on the front jam lever is positioned in the slot on the fuser frame.
4. If a new heat roller assembly or pressure roller are installed, reset the HFSI count to zero. Go to GP 16 High Frequency Service Items.

REP 10.6 Fuser Connector (4150)

Parts List on PL 4.15

Removal

NOTE: *This procedure should only be performed on the 4150. For the 4250/4260 procedure, refer to the table of contents.*

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the exit guide assembly, REP 10.2.
2. Remove the fuser connector retainer, PL 4.15 Item 21.
3. Remove the fuser connector, Figure 1.

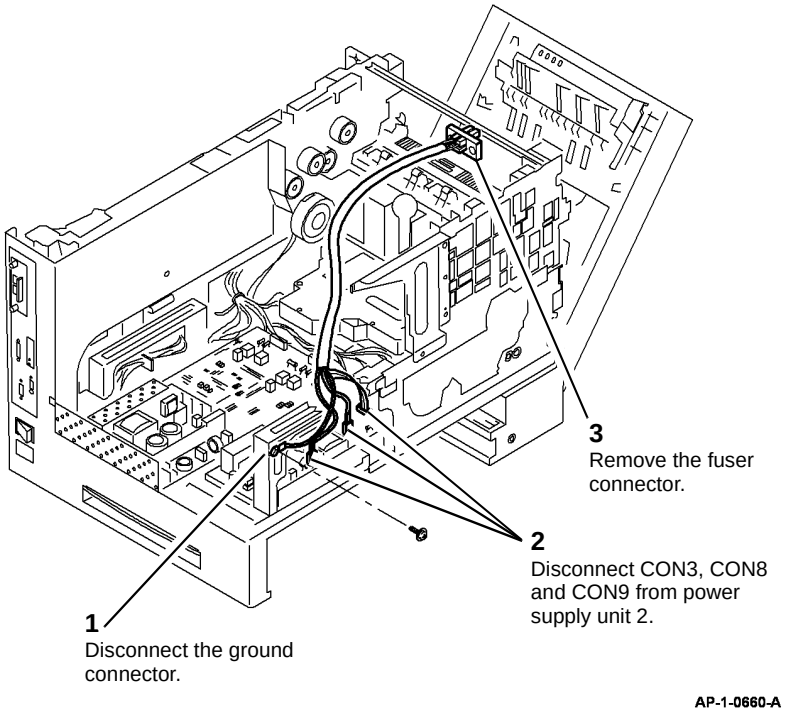

Figure 1 Fuser connector

Replacement

Replacement is the reverse of the removal procedure.

REP 10.7 Fuser Assembly Components (4250/4260)

Parts List on PL 10.28 and PL 10.30

Purpose

This procedure is used to repair the following components:

NOTE: *Only perform the steps that are necessary to repair the damaged component.*

- Springs, PL 10.28 Item 7.
- Heat lamp assembly, PL 10.30 Item 13.
- Heat roller, PL 10.30 Item 10.
- Heat roller collar, PL 10.30 Item 9.
- Heat roller bearings, PL 10.30 Item 8.
- Pressure roller bearings, PL 10.30 Item 17.

Removal

NOTE: *This procedure should only be performed on the 4250/4260. For the 4150 procedure, refer to the table of contents.*

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Do not touch the fuser while it is hot.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the fuser assembly, REP 10.1.
2. Remove the fuser CRUM assembly, PL 10.28 Item 21.
3. Remove the heat lamp assembly, Figure 1.

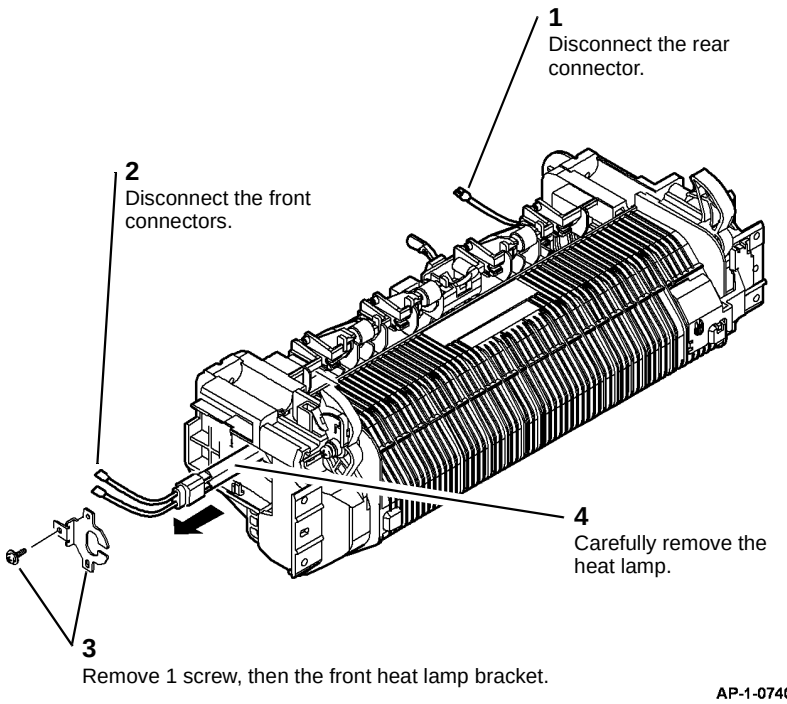

Figure 1 Heat lamp assembly

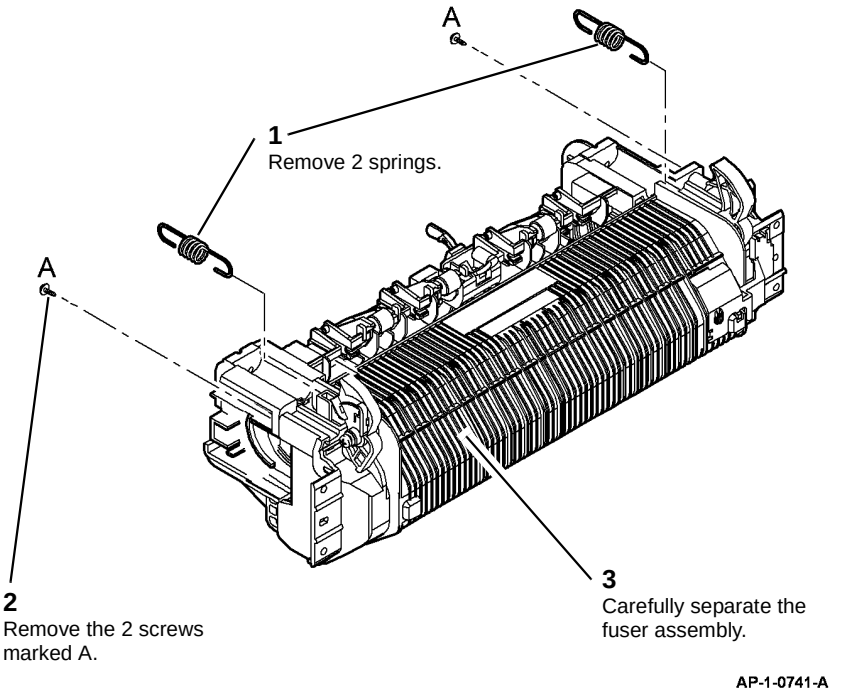

Figure 2 Fuser assembly separation

4. Separate the fuser assembly, Figure 2.

CAUTION

Do not damage the fuser stripper fingers when removing the heat roller assembly.

5. Remove the heat roller assembly and components, Figure 3.

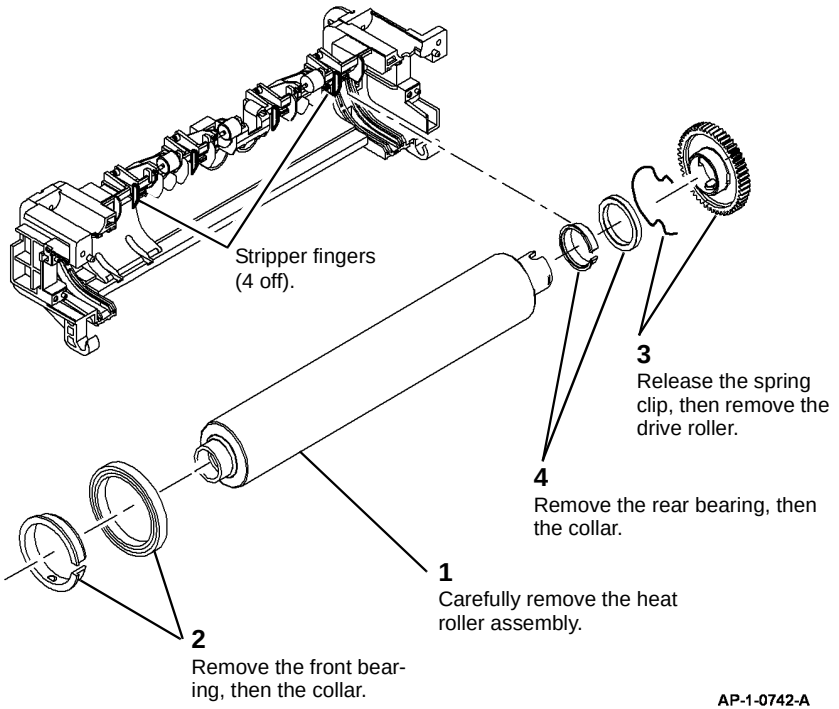

Figure 3 Heat roller removal

CAUTION

Do not loose the static eliminator.

6. Prepare to remove the pressure roller bearings, Figure 4.

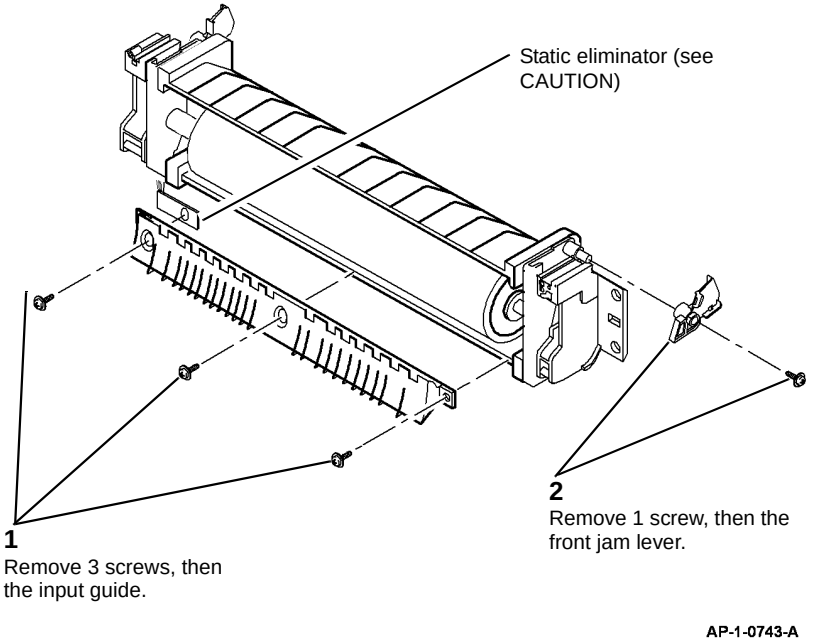

Figure 4 Preparation

7. Remove the pressure roller bearings, Figure 5.

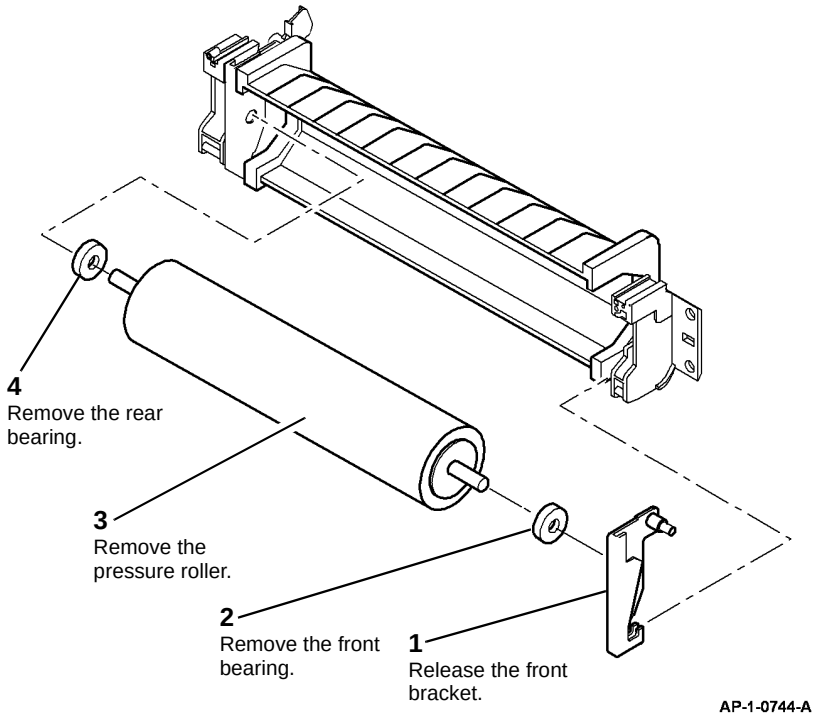

Figure 5 Pressure roller bearing removal

Replacement

CAUTION

Do not damage the fuser stripper fingers when reinstalling the heat roller assembly, refer to Figure 3.

1. Replacement is the reverse of the removal procedure.
2. Ensure that the spring on the front jam lever is positioned in the slot on the fuser frame.
3. The red wire from the heat lamp connects to the white wire. The white wire from the heat to the black wire.
4. If a new heat roller assembly or pressure roller are installed, reset the HFSI count to zero. Go to GP 16 High Frequency Service Items.

REP 10.8 Fuser Connector (4250/4260)

Parts List on PL 4.15

Removal

NOTE: *This procedure should only be performed on the 4250/4260. For the 4150 procedure, refer to the table of contents.*

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the exit guide assembly, REP 10.2.
2. Remove the fuser assembly, REP 10.1.
3. Prepare to remove the fuser connector, Figure 1.

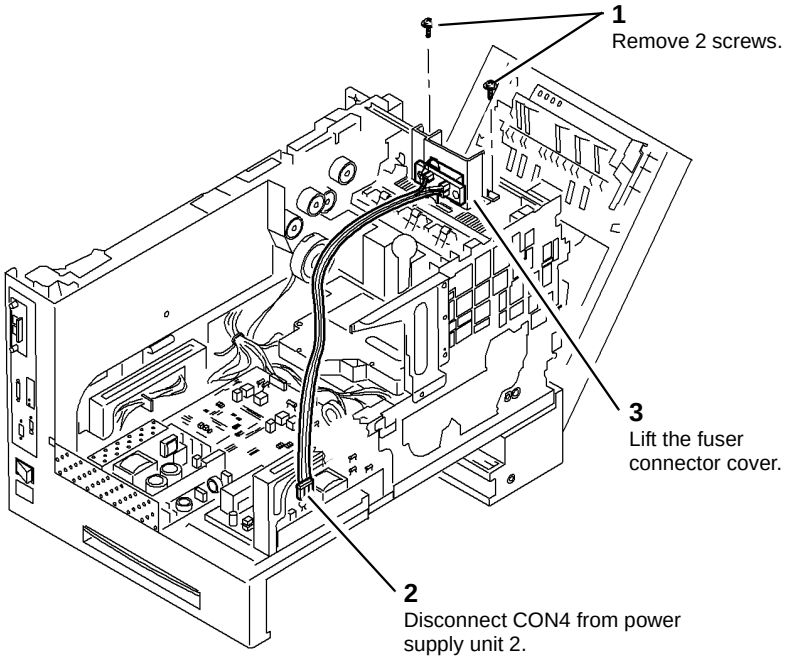

Figure 1 preparation

4. Remove the fuser connector, Figure 2.

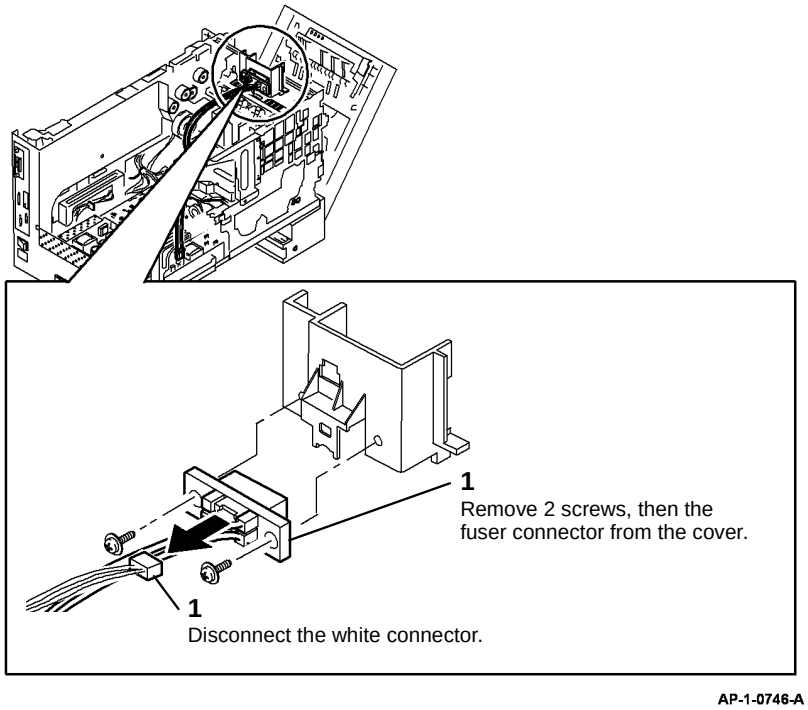

Figure 2 Fuser connector

Replacement

Replacement is the reverse of the removal procedure.

REP 12.1 Finisher Removal

Parts List on PL 12.10, PL 12.15, PL 12.20, PL 12.25, PL 12.30, PL 12.35, PL 12.40 and PL 12.45

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Open the finisher front door, PL 12.10 Item 1.
2. Disconnect the finisher interface harness, PL 12.10 Item 18 from the machine.
3. Remove the finisher stacker tray, PL 12.45 Item 1.
4. Remove the finisher, Figure 1.

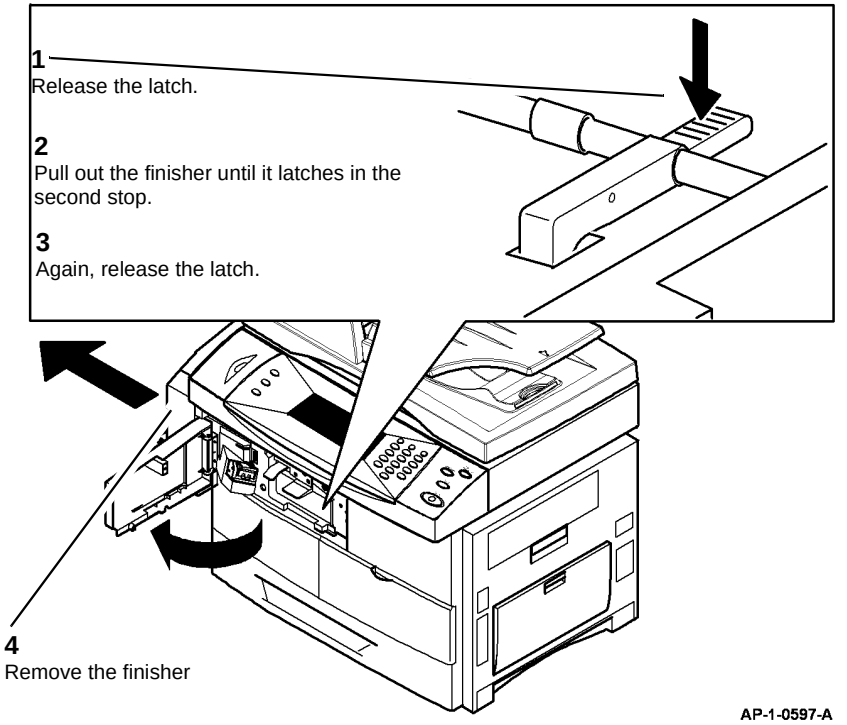

Figure 1 Finisher removal

Replacement

Replacement is the reverse of the removal procedure.

REP 12.2 Finisher PWB

Parts List on PL 12.10

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the finisher, REP 12.1.
2. Remove the finisher covers, REP 12.4.
3. Remove the stacker tray support, PL 12.45 Item 2.
4. Remove the left cover, Figure 1.

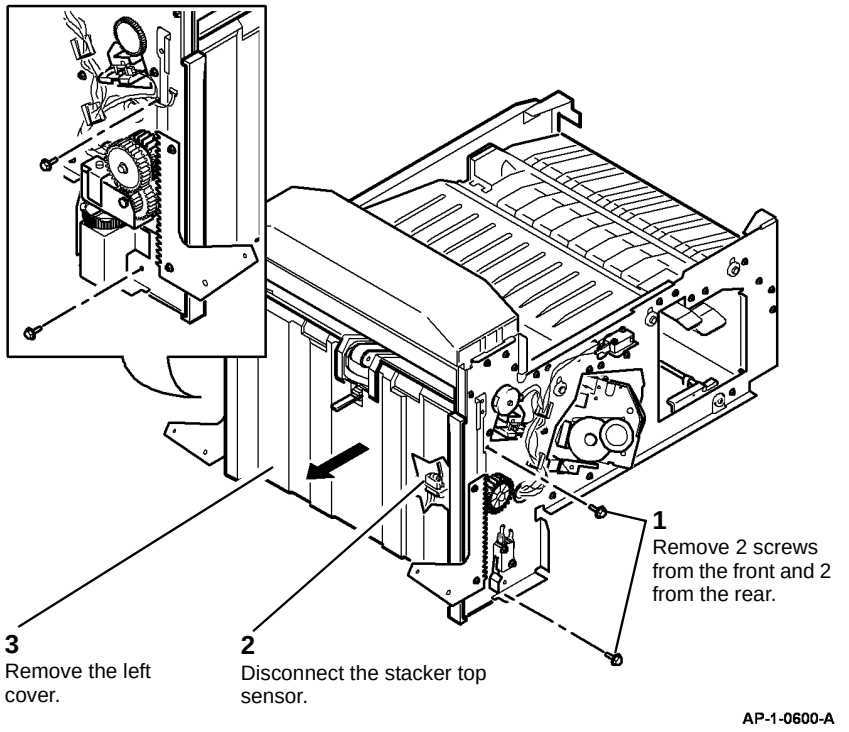

Figure 1 Left cover removal

5. Disconnect all connectors on the finisher PWB, PL 12.10 Item 8.
6. Remove the finisher PWB.

Replacement

If a new Finisher PWB is to be installed, check that the dip switch settings are correct. Refer to the 12A Finisher PWB DIP Switch Settings RAP. Replacement is the reverse of the removal procedure.

REP 12.3 Transport Assembly Components

Parts List on PL 12.20

Purpose

This procedure is used to repair the following components:

NOTE: *Only perform the steps that are necessary to repair the damaged component.*

- Exit sensor, PL 12.20 Item 7.
- Exit roll, PL 12.20 Item 1.
- Drive belt, PL 12.20 Item 12.
- Paper detector sensor, PL 12.20 Item 25.

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the finisher, REP 12.1.
2. Remove the finisher covers, REP 12.4.
3. Remove the paddle motor and bracket, PL 12.30 Item 5.
4. Remove the exit belt cover, PL 12.10 Item 20.
5. Remove the exit cover, PL 12.10 Item 6.
6. If necessary, remove the exit sensor, PL 12.20 Item 7.
7. Disconnect the exit sensor bulkhead connector. Remove the upper exit guide, PL 12.20 Item 2.
8. Remove the lower exit guide, PL 12.20 Item 9.
9. Prepare to remove the exit roll, Figure 1.

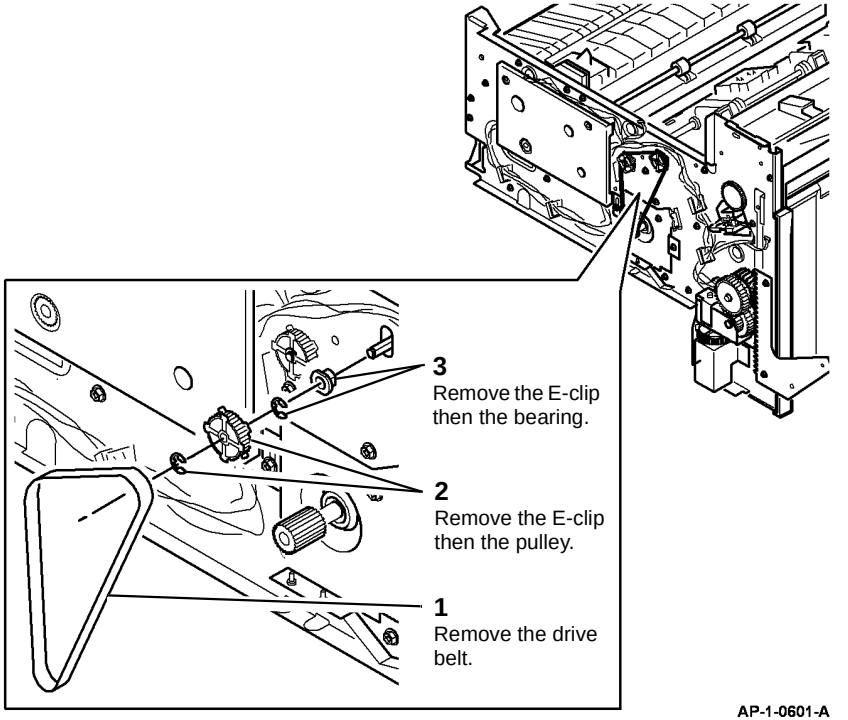

Figure 1 Preparation

10. Remove the exit roll, Figure 2.

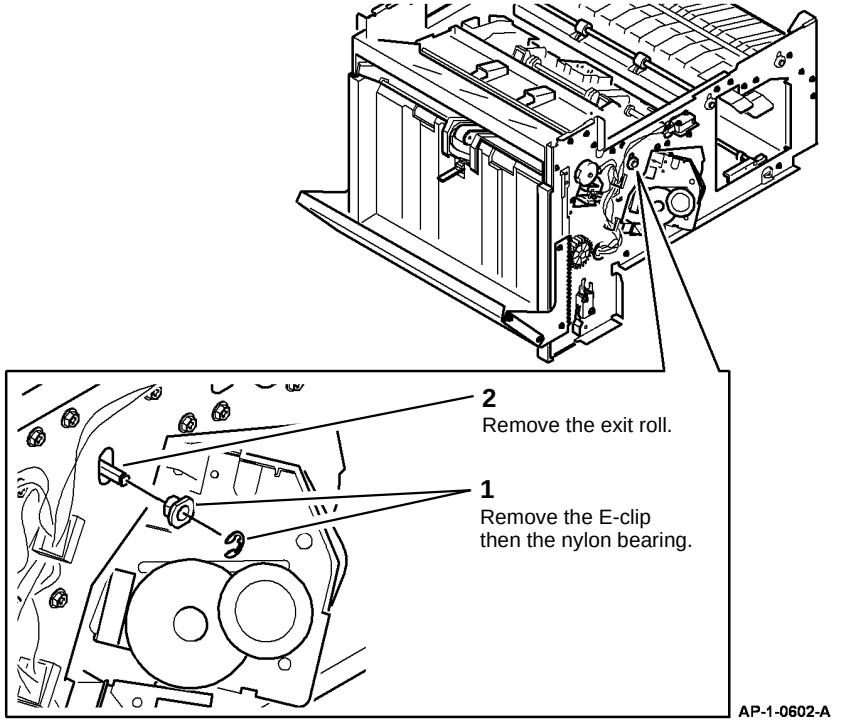

Figure 2 Exit roll removal

11. If necessary, remove the paper detector sensor, PL 12.20 Item 25.

Replacement

Replacement is the reverse of the removal procedure.

REP 12.4 Finisher Covers

Parts List on PL 12.10

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the finisher, REP 12.1.
2. Remove the staple cartridge, PL 12.35 Item 4.
3. Remove the top infill cover, PL 12.10 Item 5.

CAUTION

The top of the front door assembly is secured by a clip. Take care when removing the assembly. The clip is easily broken.

4. Remove the front door assembly, Figure 1

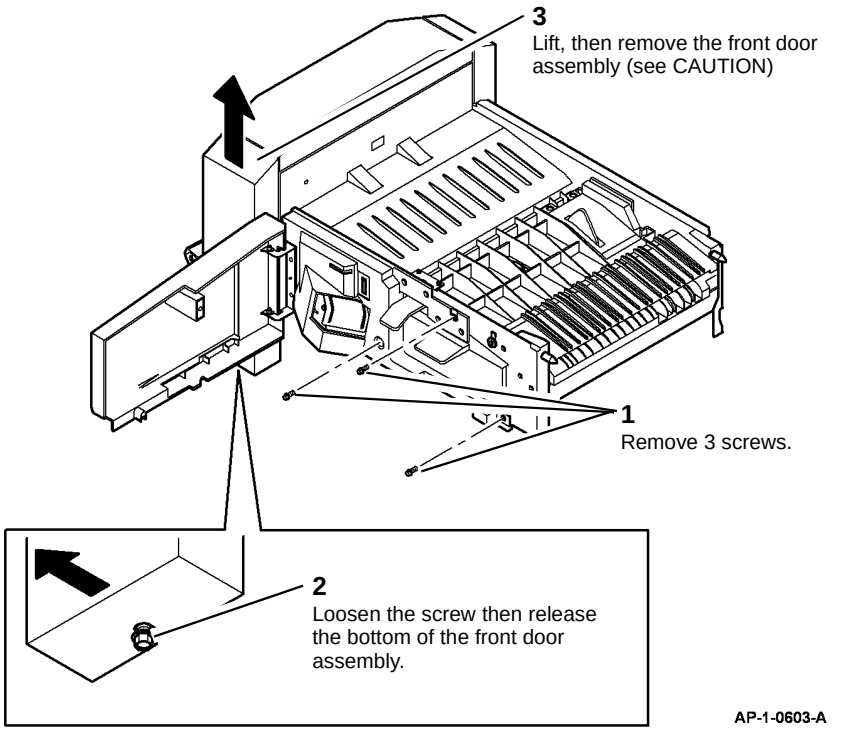

Figure 1 Front door assembly removal

CAUTION

The top of the rear cover is secured by a clip. Take care when removing the cover. The clip is easily broken.

5. Remove the rear cover, Figure 2.

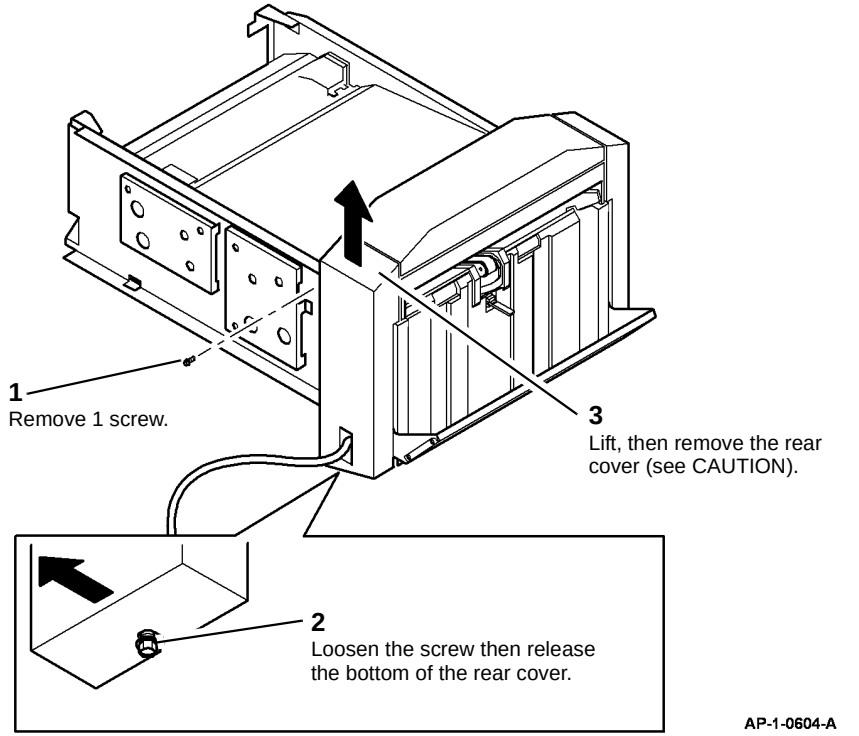

Figure 2 Rear cover

6. Remove the top cover, PL 12.10 Item 7.

Replacement

Replacement is the reverse of the removal procedure.

REP 12.5 Front and Rear Jogger Assemblies

Parts List on PL 12.30

Purpose

This procedure is used to repair the following components:

NOTE: *Only perform the steps that are necessary to repair the damaged component.*

- Compiler assembly, PL 12.20 Item 33.
- Front jogger assembly, PL 12.30 Item 27.
- Rear jogger assembly, PL 12.30 Item 28.

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the exit roll, refer to REP 12.3.
2. Prepare to remove the compiler assembly, Figure 1.

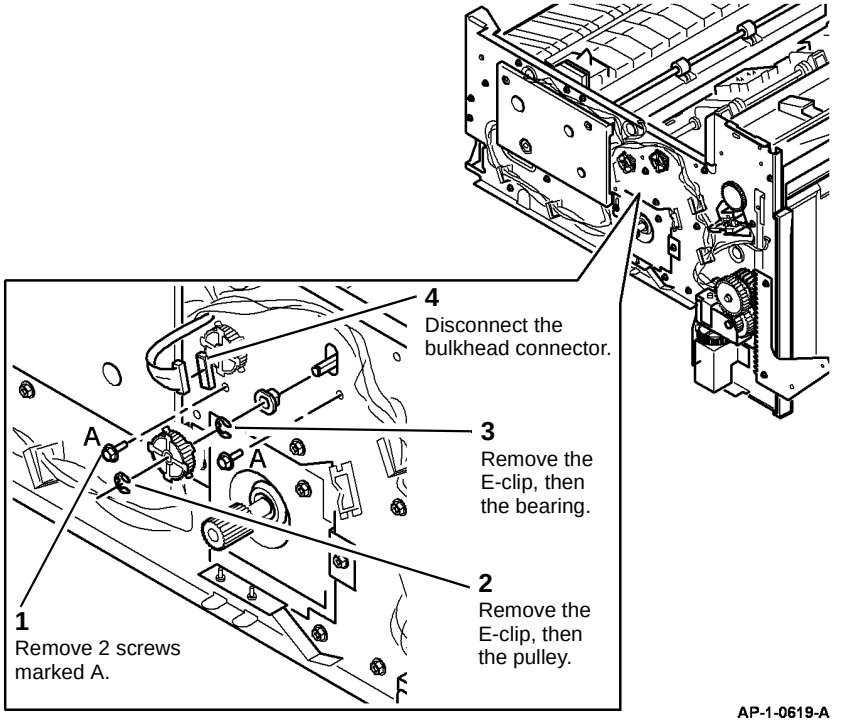

Figure 1 Preparation

3. Remove the compiler assembly, Figure 2.

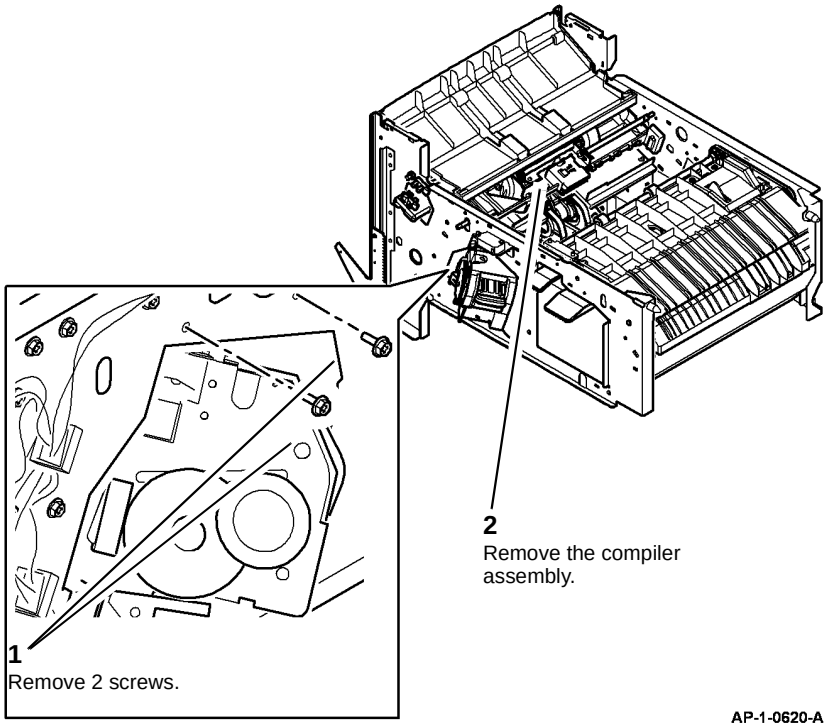

Figure 2 Compiler assembly removal

4. Remove the exit shaft, Figure 3.

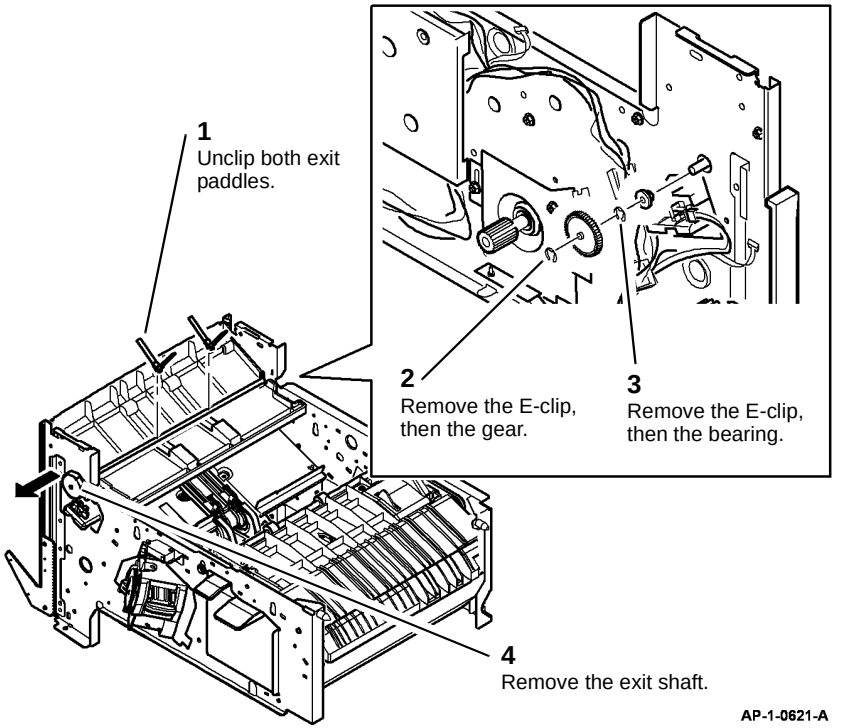

Figure 3 Exit shaft removal

5. Remove the upper compiler cover, PL 12.30 Item 3.
6. Remove the left cover, refer to REP 12.2.
7. Remove the front or rear jogger assembly, Figure 4.

NOTE: *Figure 4 shows the removal of the rear jogger assembly. The procedure for removing the front jogger or rear jogger assembly is identical.*

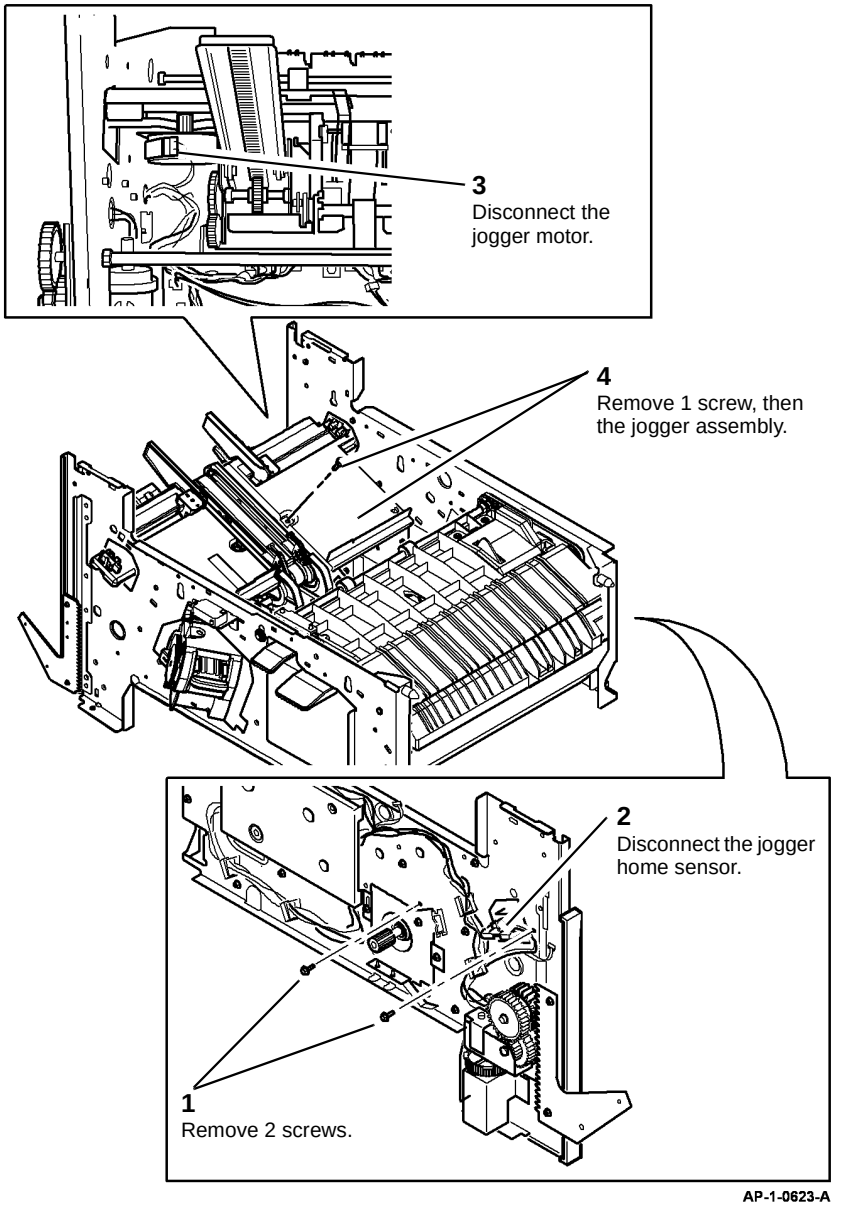

Figure 4 Front or rear jogger assembly

Replacement

Replacement is the reverse of the removal procedure. When the compiler assembly is reinstalled, make sure that the compiler paddles are not trapped between the compiler and the jogger assemblies.

REP 12.6 Front and Rear Support Fingers

Parts List on PL 12.25

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the jogger assembly that is above the damaged support finger, REP 12.5.
2. Remove the relevant support finger and bracket assembly, Figure 1.

NOTE: *Figure 1 shows the removal of the rear support finger assembly. The procedure for removing the front or rear support finger and bracket assembly is identical.*

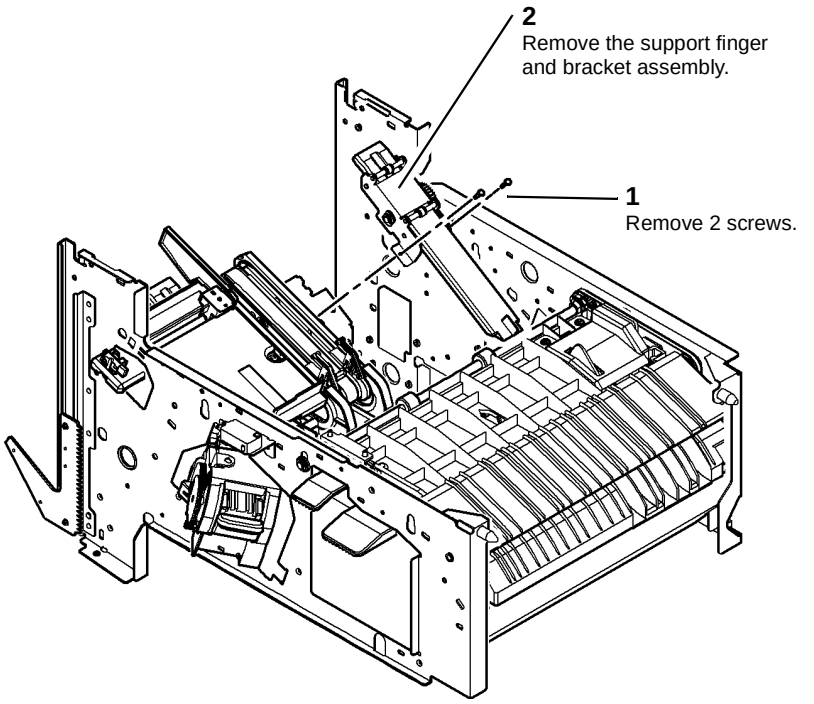

Figure 1 Support finger and bracket assembly removal

3. Prepare to remove the support finger, Figure 2.

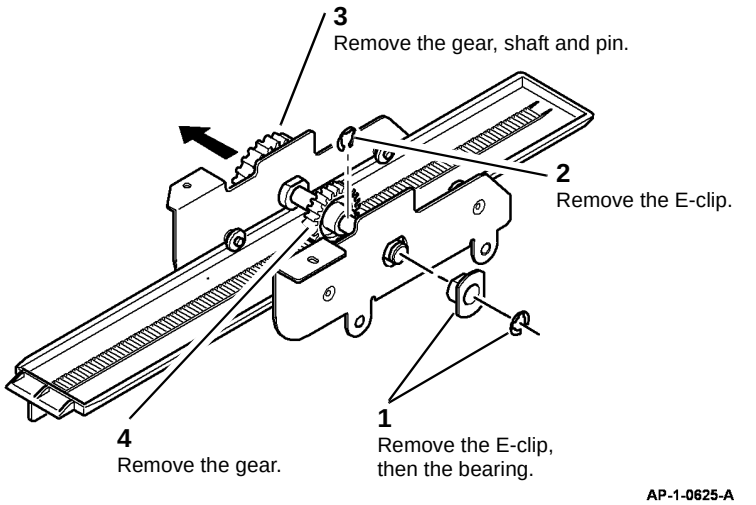

Figure 2 Preparation

4. Remove the support finger, Figure 3.

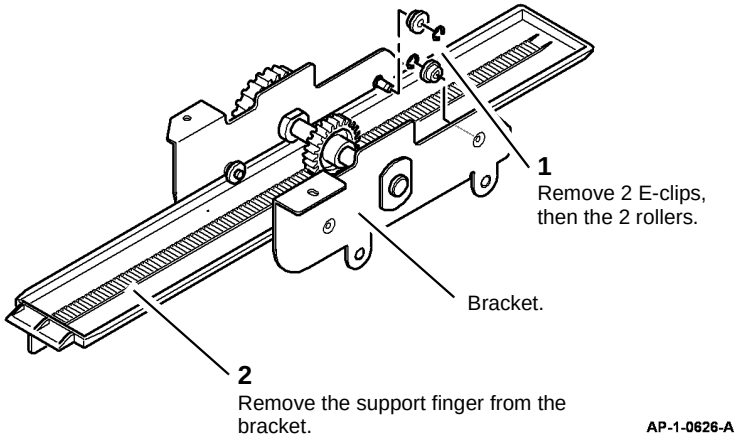

Figure 3 Support finger removal

Replacement

Replacement is the reverse of the removal procedure. Ensure that the front support finger and rear support finger are aligned correctly.

REP 12.7 Ejector Assembly and Support Finger Assembly

Parts List on PL 12.25 and PL 12.40

Purpose

This procedure is used to repair the following components:

NOTE: *Only perform the steps that are necessary to repair the damaged component.*

- Ejector assembly, PL 12.40 Item 16.
- Support finger assembly, PL 12.25 Item 20.
- Support finger motor, PL 12.25 Item 2.
- Ejector motor, PL 12.40 Item 1.

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the front jogger assembly and rear jogger assembly, REP 12.5.
2. Remove the left cover, refer to REP 12.2.

3. Prepare to remove the ejector assembly and support finger assembly, Figure 1.

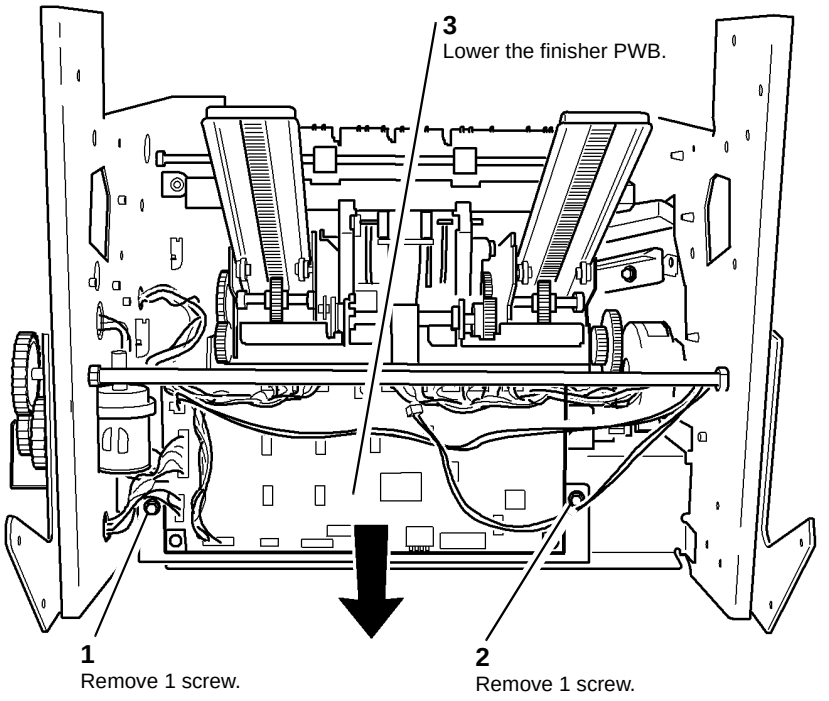

Figure 1 Preparation

4. Remove the ejector assembly and support finger assembly, Figure 2.

NOTE: *The ejector assembly and support finger assembly are removed as a unit.*

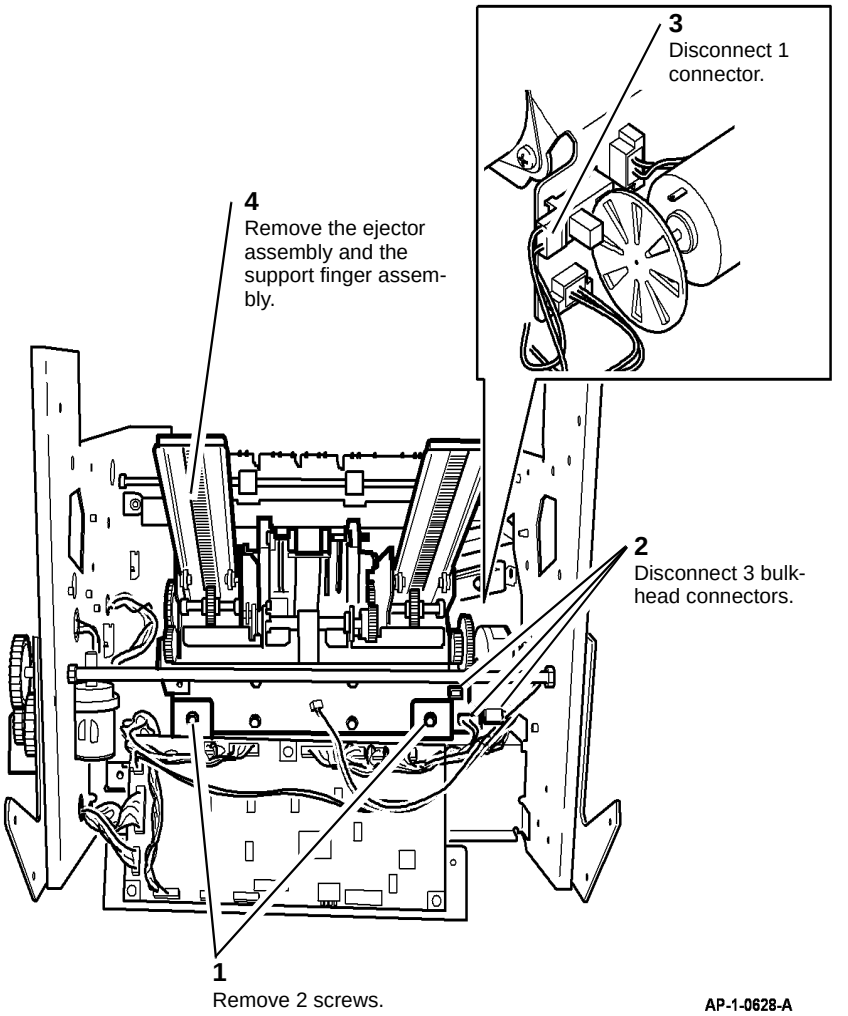

Figure 2 Removal

5. If necessary, remove the support finger motor, PL 12.25 Item 2.

6. If necessary, remove the ejector assembly from the support finger assembly, Figure 3.

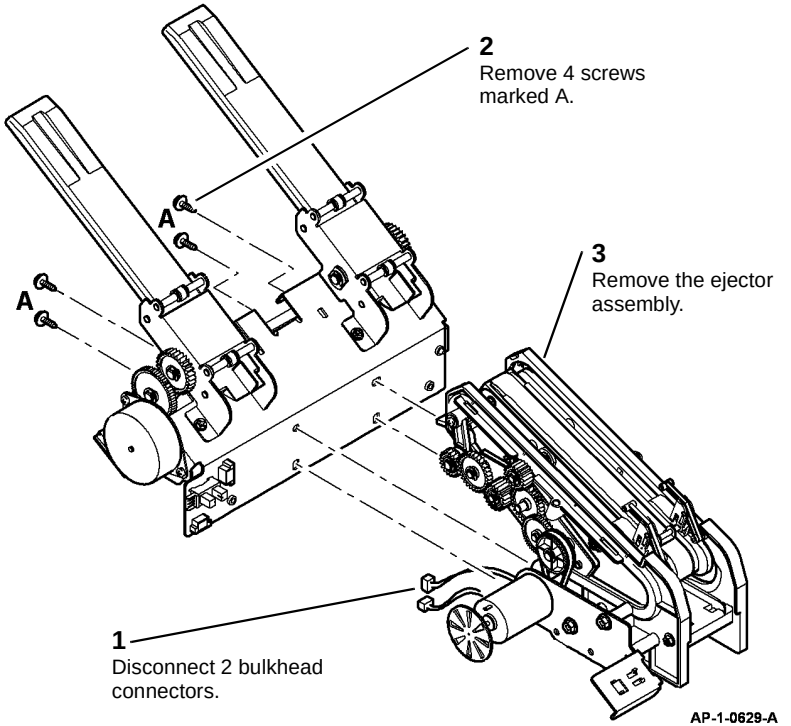

Figure 3 Ejector assembly removal

7. If necessary, remove the ejector motor, Figure 4.

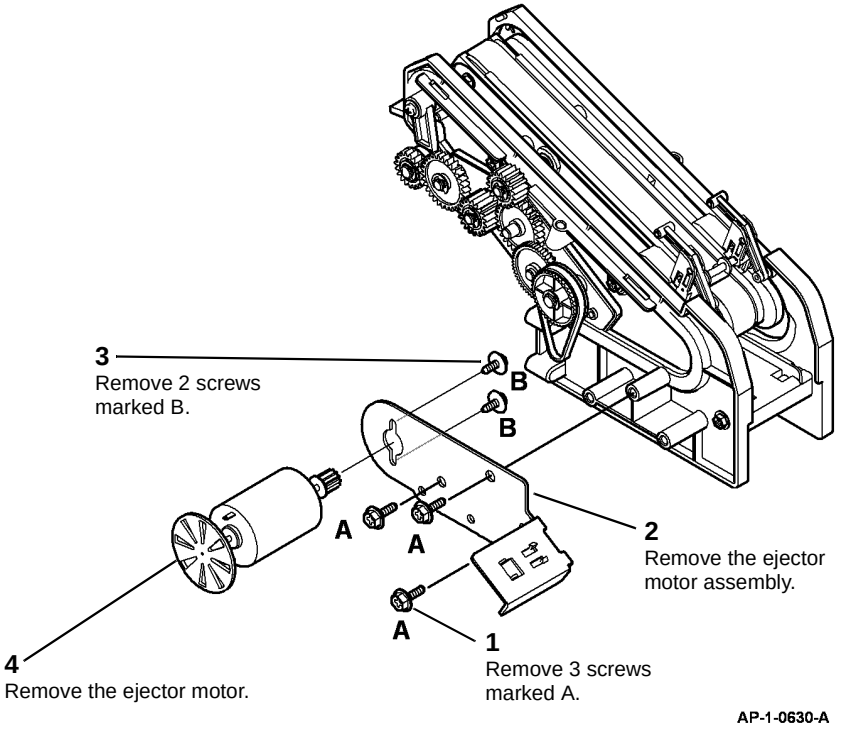

Figure 4 Ejector motor removal

Replacement

Replacement is the reverse of the removal procedure. Ensure that the front support finger and rear support finger are aligned correctly.

REP 12.8 Jogger Belts

Parts List on PL 12.30

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the relevant jogger assembly, REP 12.5.
2. Remove the motor spring, PL 12.30 Item 18.
3. Remove the jogger motor, PL 12.30 Item 20 and the jogger motor bracket, PL 12.30 Item 19 as a unit from the jogger assembly.
4. Release the jogger belt from the belt holder, PL 12.30 Item 22.
5. Remove the jogger belt, PL 12.30 Item 23.

Replacement

Replacement is the reverse of the removal procedure. Ensure that the jogger belt has been tensioned correctly before the jogger motor securing screws are tightened.

REP 12.9 Stacker Drive Components

Parts List on PL 12.45

Purpose

This procedure is used to repair the following components:

NOTE: *Only perform the steps that are necessary to repair the damaged component.*

- Stacker tray motor, PL 12.45 Item 20.
- Gear 35T, PL 12.45 Item 15.
- Pinion gear, PL 12.45 Item 17.
- Worm gear, PL 12.45 Item 22.
- Worm wheel, PL 12.45 Item 24.

Removal

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the finisher, REP 12.1.
2. Remove the front door assembly and rear cover, REP 12.4.
3. Remove the tray support, PL 12.45 Item 2.
4. Remove the left cover, refer to REP 12.2.
5. Disconnect the stacker tray motor inline connector, Figure 1.

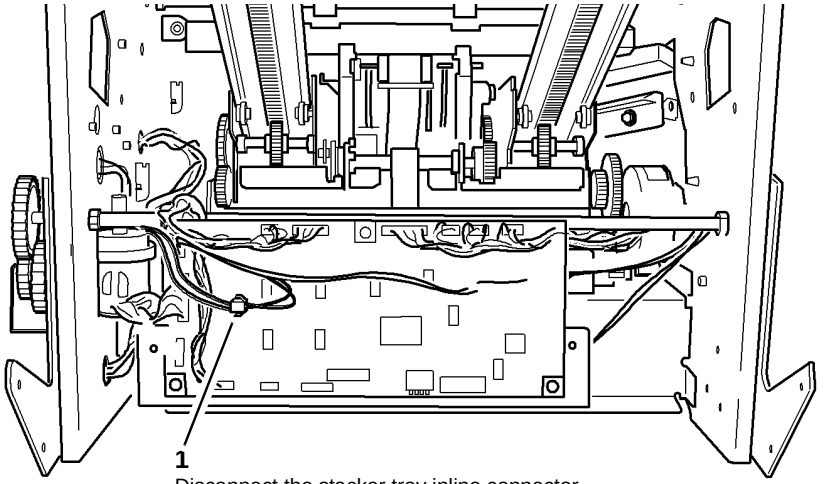

Figure 1 Inline connector

6. Prepare to remove the stacker tray motor assembly, Figure 2.

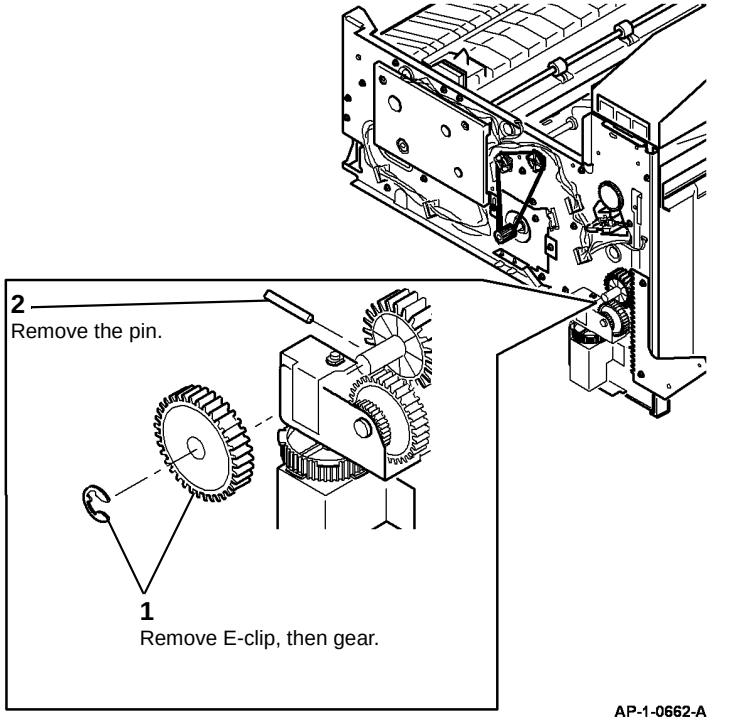

Figure 2 Preparation

7. Remove the stacker tray motor assembly, Figure 3.

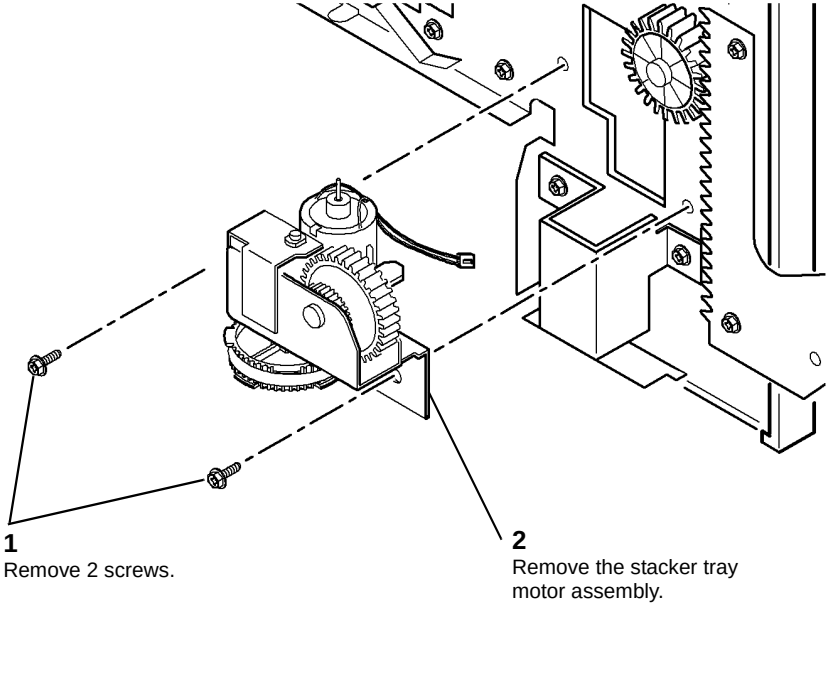

Figure 3 Stacker tray motor assembly removal

8. If necessary, remove 1 E-clip, then the pinion gear, PL 12.45 Item 17.
9. Remove components from the stacker motor assembly as necessary:
   - Stacker motor, PL 12.45 Item 20.
   - Stacker motor belt, PL 12.45 Item 29.
   - Worm wheel, PL 12.45 Item 24.
   - Worm gear, PL 12.45 Item 22.

Replacement

Replacement is the reverse of the removal procedure.

REP 14.1 Scanner Assembly (4150)

Parts List on PL 14.10

Removal

NOTE: *This procedure should only be performed on the 4150. For the 4250/4260 procedure, refer to the table of contents.*

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the DADF. Refer to REP 5.1.
2. Remove the rear cover, PL 28.10 Item 6.
3. Disconnect CN2, CN3 and CN4 from the main PWB, Figure 1.

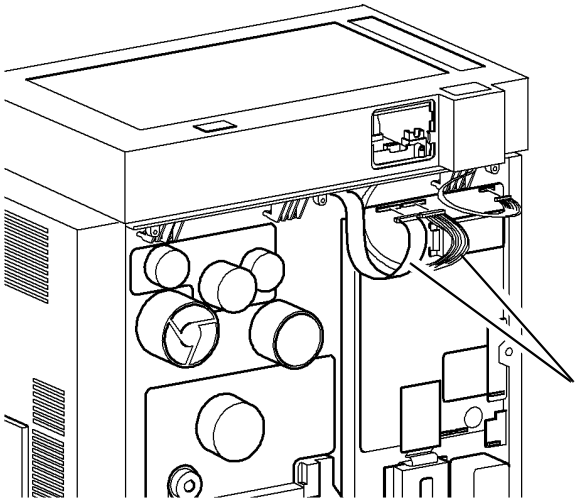

Figure 1 Harness removal

4. Remove 3 securing screws from the rear of the machine, Figure 2.

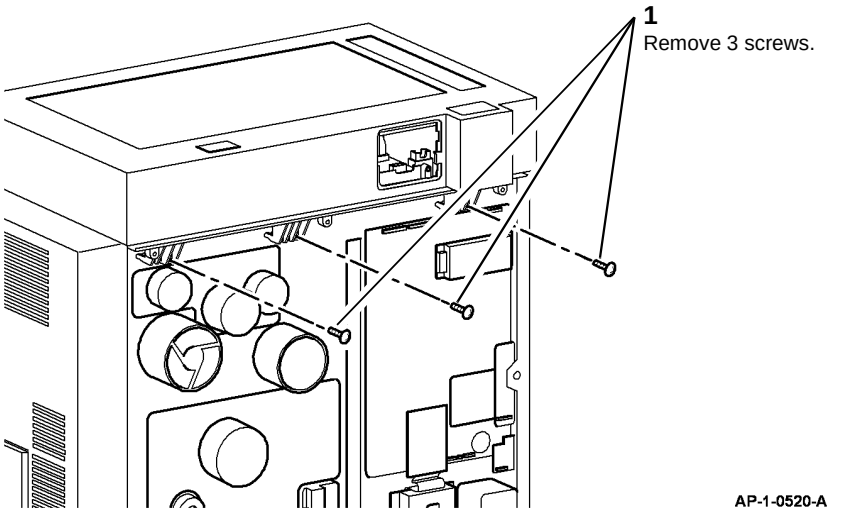

Figure 2 Screw removal

5. Open the side cover assembly, PL 7.30 Item 1, then the front door assembly, PL 28.10 Item 2.
6. Remove the toner cartridge, PL 9.10 Item 2 then the xerographic module, PL 9.10 Item 1.
7. Remove paper tray 1.
8. Remove the exit tray assembly, PL 28.10 Item 1 or the finisher, REP 12.1.
9. Remove the paper exit cover, PL 28.10 Item 4.

10. Remove the front door assembly, Figure 3.

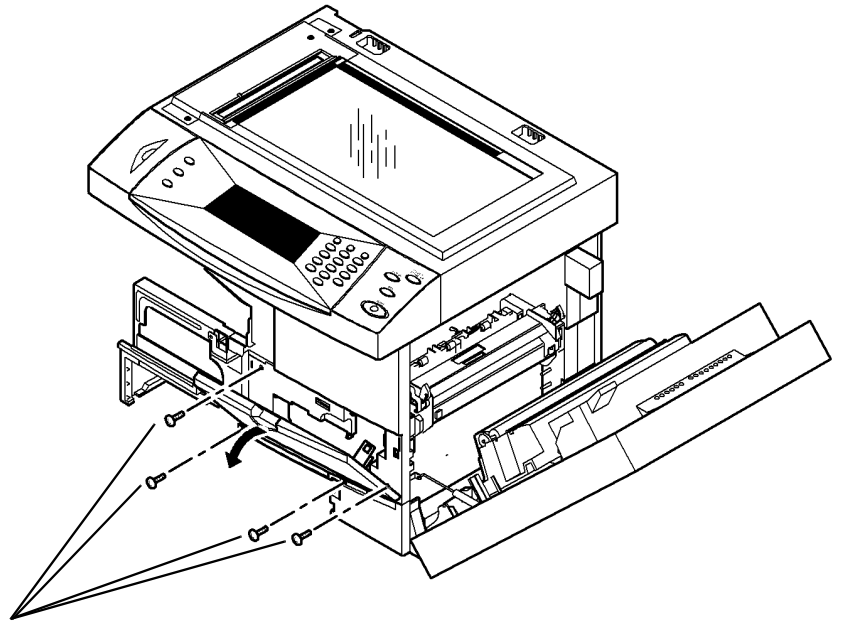

Figure 3 Front door removal

11. Remove the scanner assembly, Figure 4.

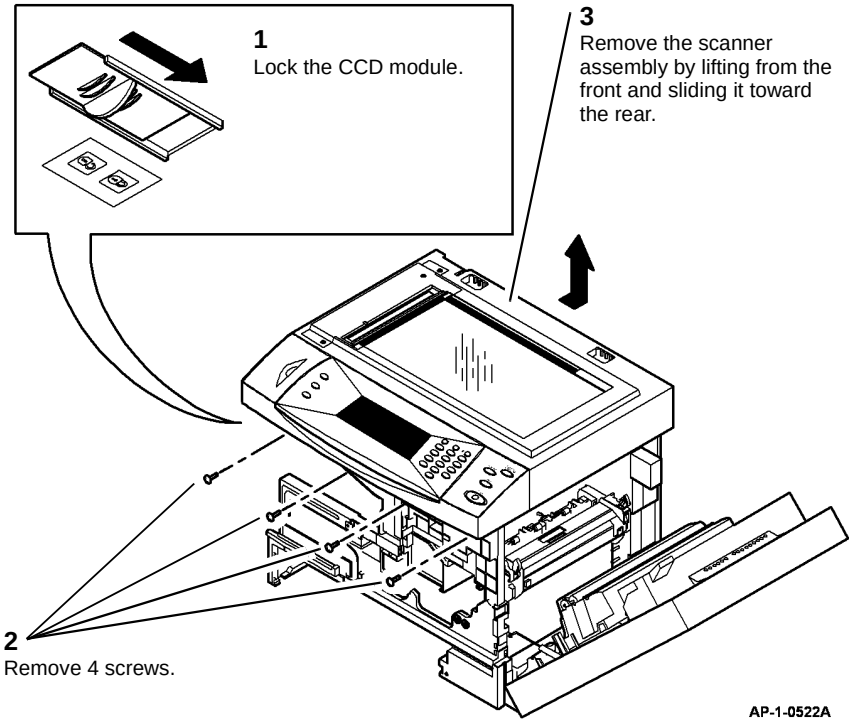

Figure 4 Scanner removal

Replacement

1. Replacement is the reverse of the removal procedure.
2. If a new scanner assembly was installed, perform ADJ 14.1 Shading Adjustment.

REP 14.2 Scanner Components (4150)

Parts List on PL 14.10

Purpose

This procedure is used to repair the following components:

NOTE: *Only perform the steps that are necessary to repair the damaged component.*

- Scanner top cover assembly, PL 14.10 Item 23.
- Platen cover sensor, PL 14.10 Item 14 and actuator PL 14.10 Item 12.
- Scanner PWB, PL 14.10 Item 15.
- CDD module, PL 14.10 Item 2.
- CDD module ribbon cable, PL 14.10 Item 7.
- Scanner drive belt, PL 14.10 Item 21.
- Scan motor assembly, PL 14.10 Item 4.

Removal

NOTE: *This procedure should only be performed on the 4150. For the 4250/4260 procedure, refer to the table of contents.*

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

CAUTION

Do not allow the optics cavity to become contaminated. Contamination of the optics cavity can cause image quality defects.

1. Remove the DADF. Perform REP 5.1, steps 1 to 3.
2. If necessary, pull out the finisher, refer to REP 12.1.
3. Remove the scanner top cover assembly, Figure 1.

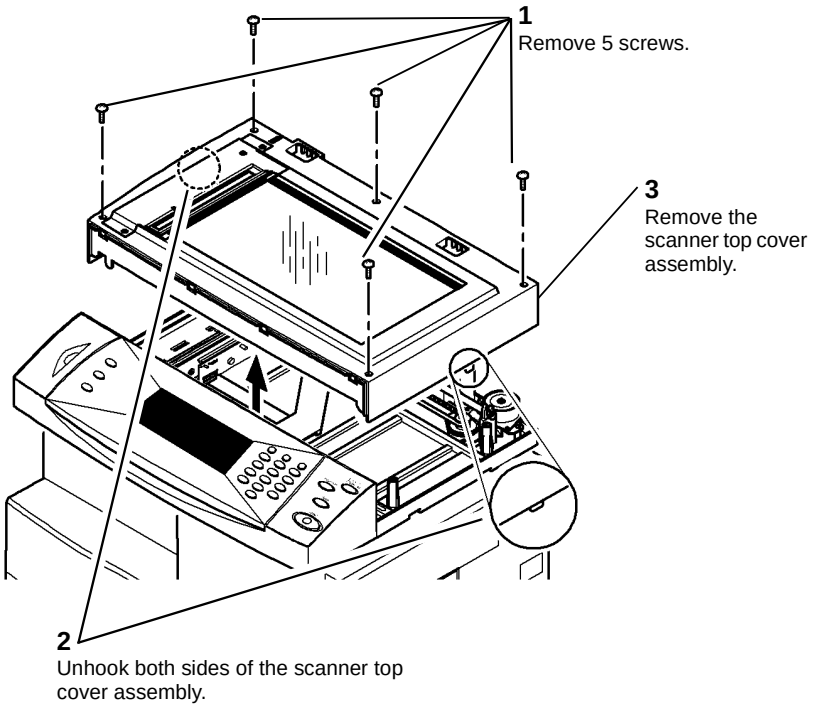

Figure 1 Top cover removal

4. Remove the Platen cover sensor and actuator, Figure 2.

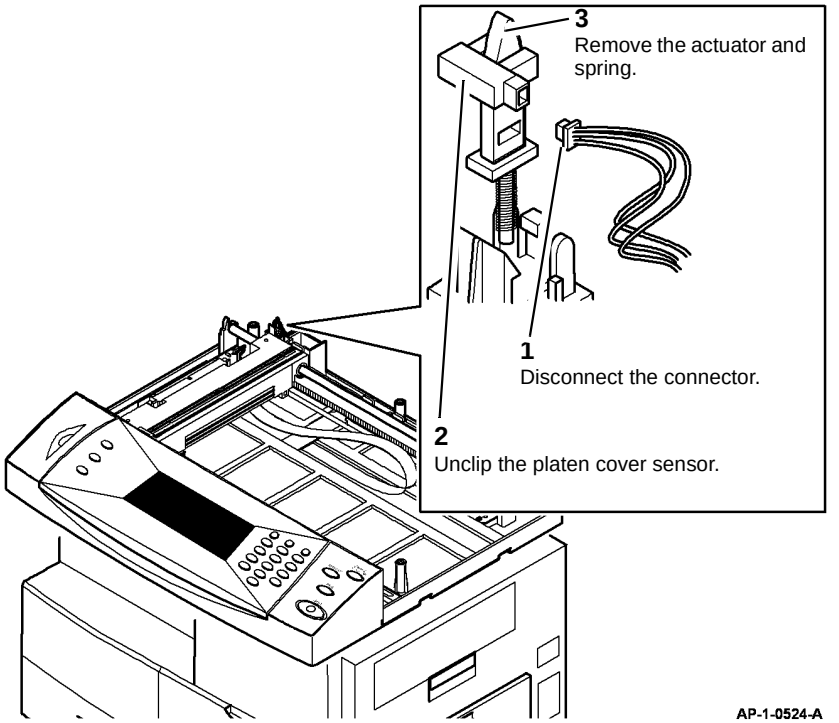

Figure 2 Platen cover sensor removal

5. Remove the scanner PWB:
   a. Disconnect CN2, CN3, CN6 and CN7.
   b. Remove 2 screws, then the scanner PWB.

6. Remove the CCD module, Figure 3.

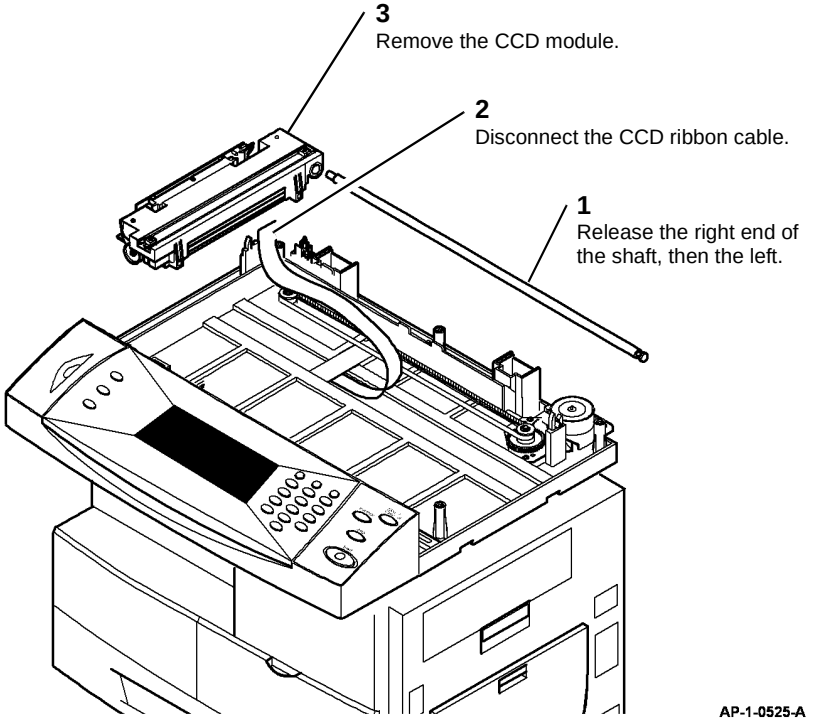

Figure 3 CCD module removal

7. Remove the CCD module ribbon cable, Figure 4.

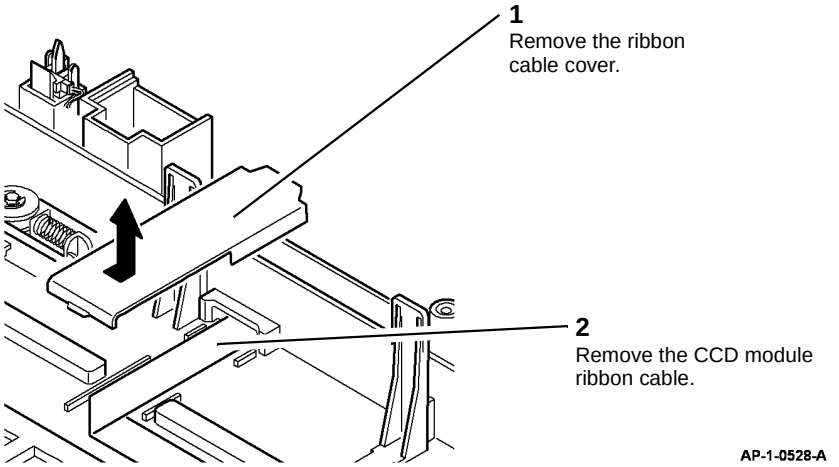

Figure 4 Ribbon cable removal

8. Remove the scanner drive belt, Figure 5.

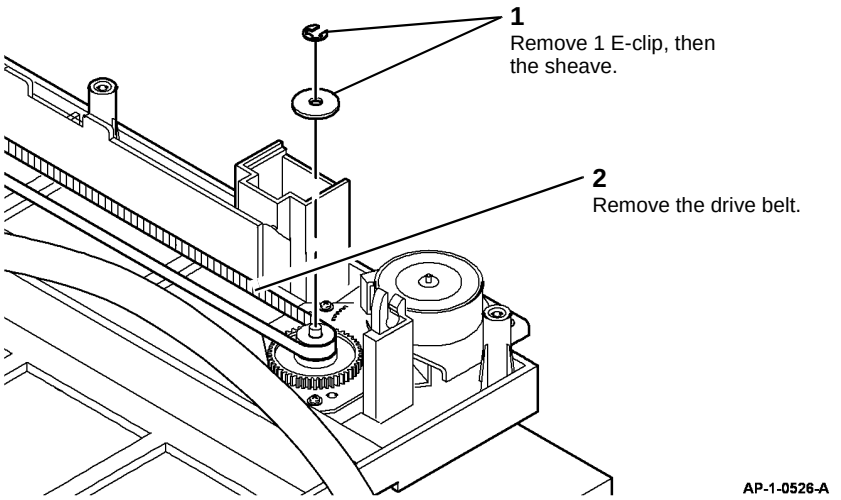

Figure 5 Drive belt removal

9. Remove the scan motor assembly, (3 screws).
10. Remove the drive belt pulley, PL 14.10 Item 9.
11. Remove the timing gear, PL 14.10 Item 25.

Replacement

1. Replacement is the reverse of the removal procedure.
2. Ensure that the scanner drive belt is installed correctly into the belt clamp on the CCD module, Figure 6.

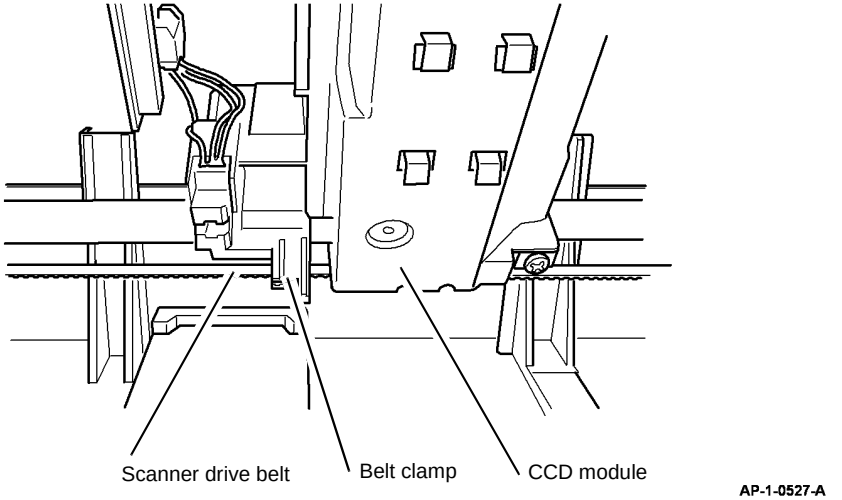

Figure 6 CCD module replacement

3. Ensure the CCD ribbon cable is reconnected correctly:
   - When connected to the CCD module, the blue flash should face to the left (away from the CCD module).
   - When connected to the main PWB, the blue flash should face up.
4. If a new CCD module was installed, perform ADJ 14.1 Shading Adjustment.

REP 14.3 Scanner Assembly (4250/4260)

Parts List on PL 14.13

Removal

NOTE: *This procedure should only be performed on the 4250/4260. For the 4150 procedure, refer to the table of contents.*

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

1. Remove the DADF. Refer to REP 5.3.
2. Remove the rear cover, PL 28.10 Item 6.
3. Disconnect CN1, CN2, CN3 and CN6 from the main PWB.
4. Remove 3 securing screws from the rear of the machine, Figure 1.

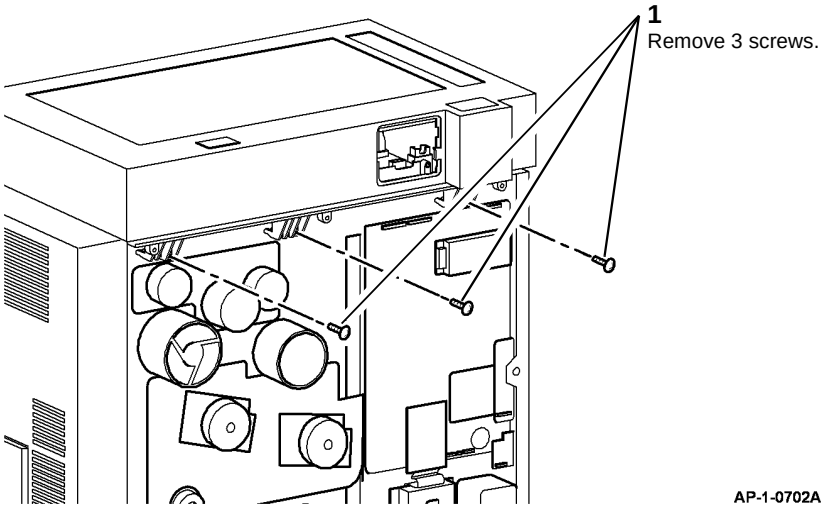

Figure 1 Screw removal

5. Open the side cover assembly, PL 7.30 Item 1, then the front door assembly, PL 28.10 Item 2.
6. Remove the toner cartridge, PL 9.10 Item 2 then the xerographic module, PL 9.10 Item 1.
7. Remove paper tray 1.
8. Remove the exit tray assembly, PL 28.10 Item 1 or the finisher, REP 12.1.
9. Remove the paper exit cover, PL 28.10 Item 4.
10. Remove the front door assembly, Figure 2.

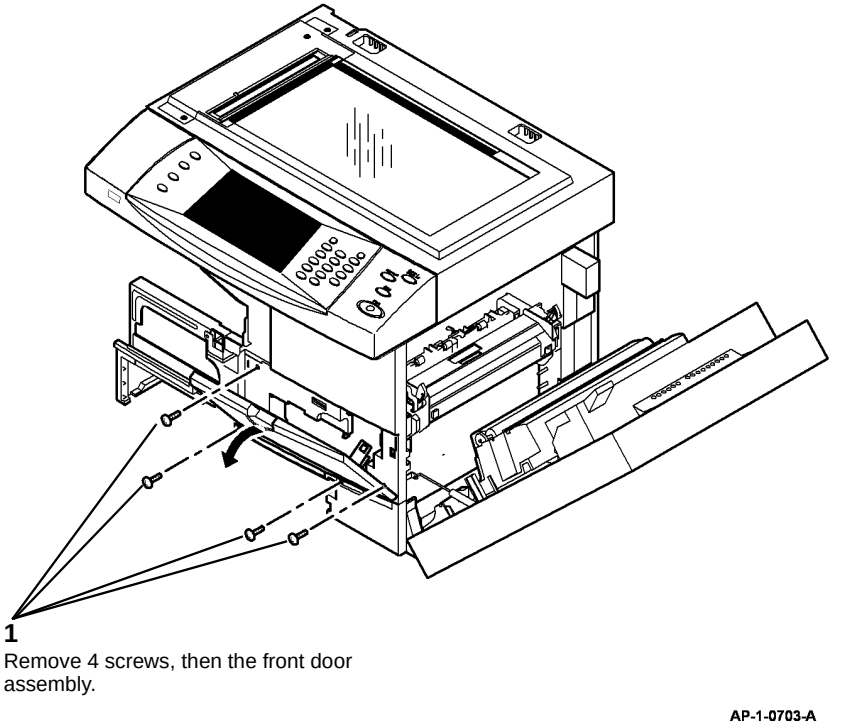

Figure 2 Front door removal

11. Remove the scanner assembly, Figure 3.

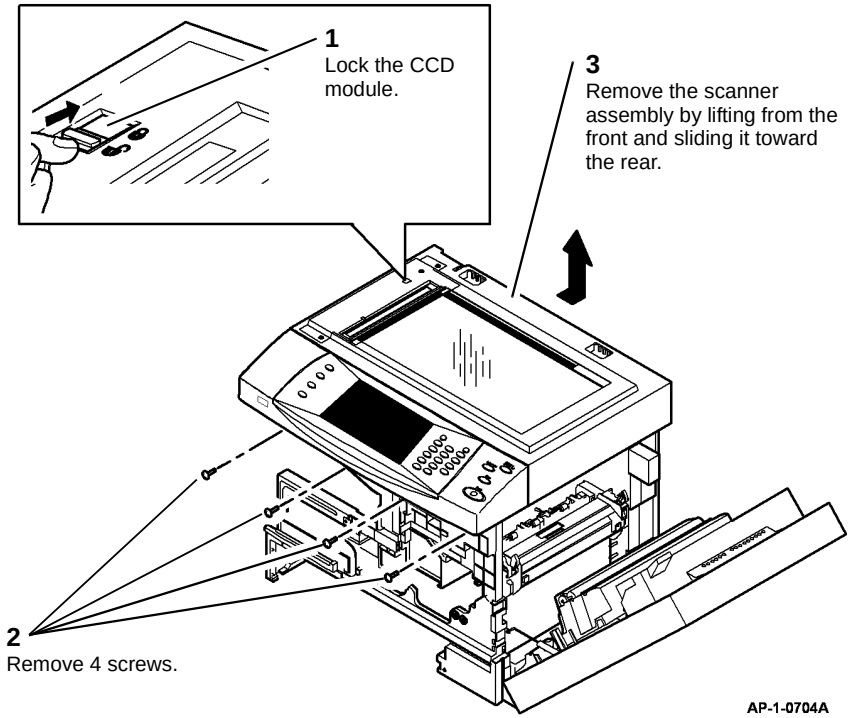

Figure 3 Scanner removal

Replacement

1. Replacement is the reverse of the removal procedure.
2. If a new scanner assembly was installed, perform ADJ 14.1 Shading Adjustment.

REP 14.4 Scanner Components (4250/4260)

Parts List on PL 14.13

Purpose

This procedure is used to repair the following components:

NOTE: *Only perform the steps that are necessary to repair the damaged component.*

- Scanner top cover assembly, PL 14.13 Item 33.
- Platen cover sensor, PL 14.13 Item 14.
- Size detect sensors, PL 14.13 Item 13.
- Scanner PWB, PL 14.13 Item 15.
- CDD module, PL 14.13 Item 11.
- CDD module ribbon cable, PL 14.13 Item 7.
- Scanner drive belt, PL 14.13 Item 21.
- Scan motor assembly, PL 14.13 Item 4.

Removal

NOTE: *This procedure should only be performed on the 4250/4260. For the 4150 procedure, refer to the table of contents.*

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

CAUTION

Do not allow the optics cavity to become contaminated. Contamination of the optics cavity can cause image quality defects.

1. Remove the DADF. Refer to REP 5.3.
2. Remove the user interface assembly, REP 2.2.
3. Remove the scanner top cover assembly, Figure 1.

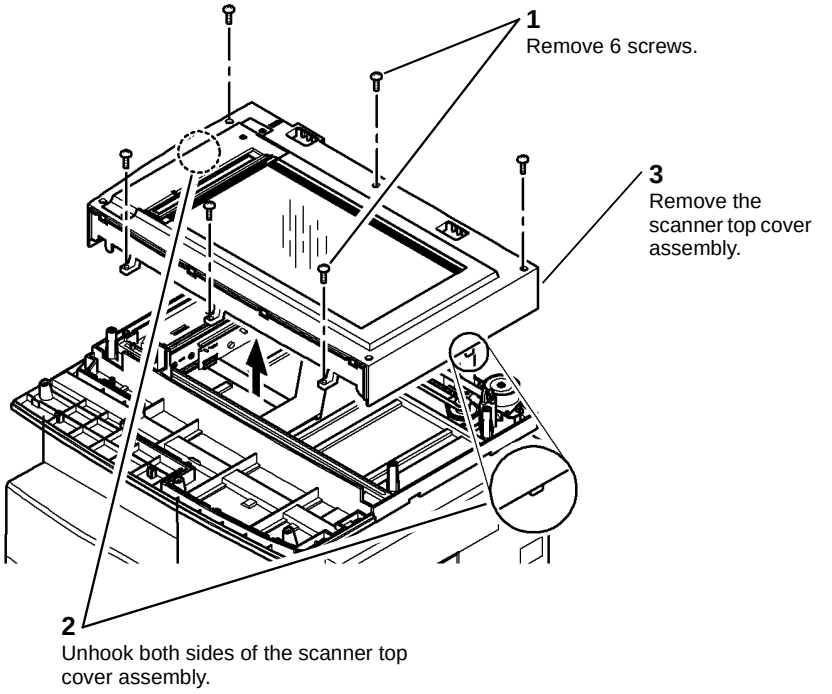

Figure 1 Top cover removal

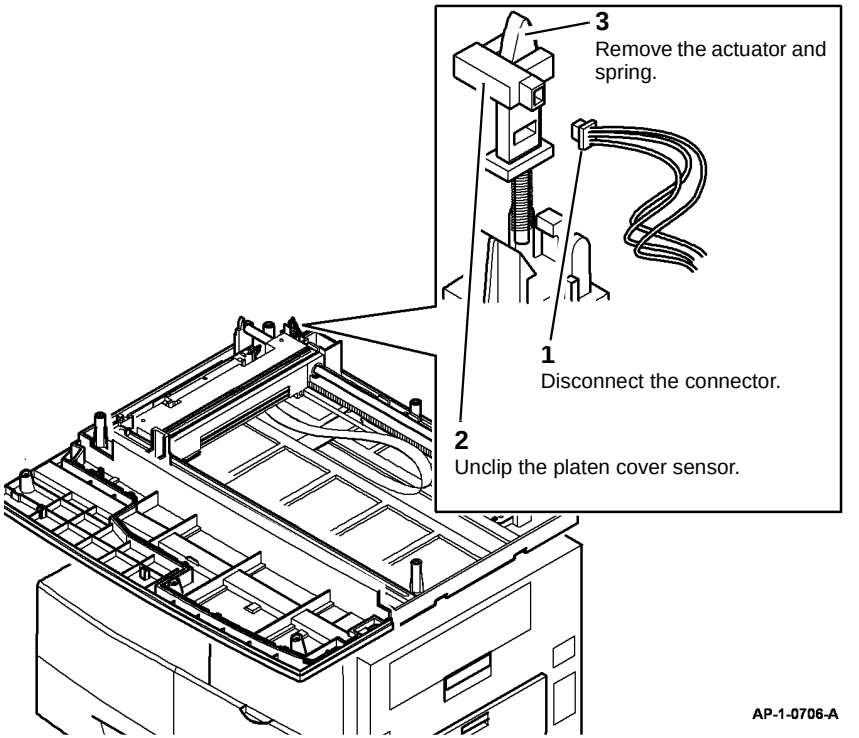

Figure 2 Platen cover sensor removal

4. Carefully remove the size detect sensor cover, PL 14.13 Item 17.
5. Remove the size sensors from the cover.
6. Remove the platen cover sensor and actuator, Figure 2.
7. Remove the scanner PWB:
   a. Disconnect all connectors from the scanner PWB.
   b. Remove 3 screws, then the scanner PWB.

8. Remove the CCD module, Figure 3.

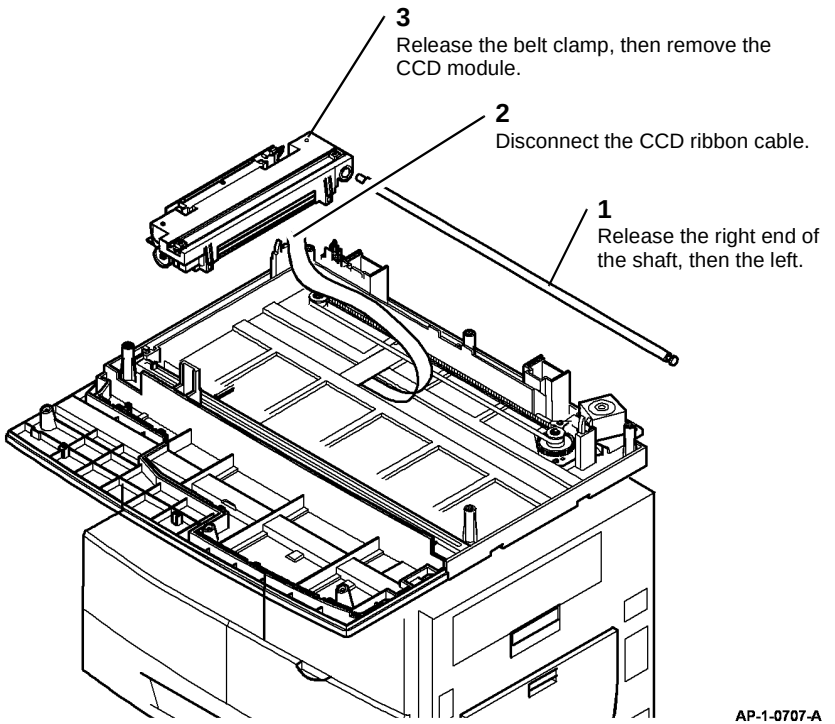

Figure 3 CCD module removal

9. Remove the CCD module ribbon cable, Figure 4.

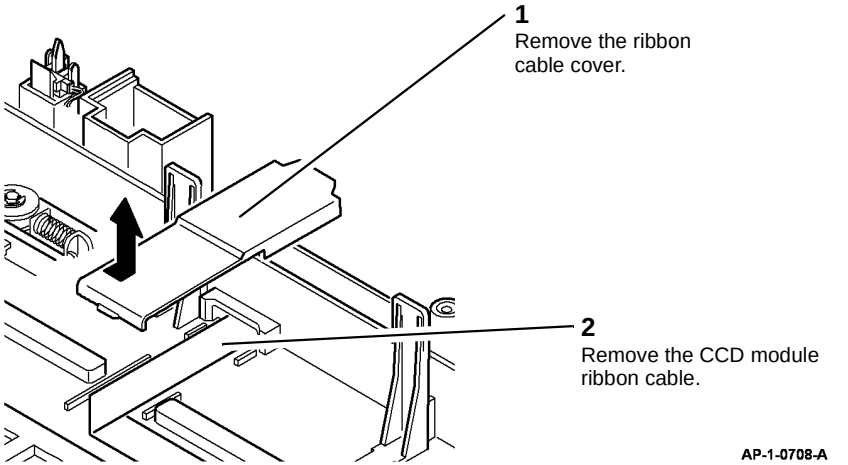

Figure 4 Ribbon cable removal

10. Release the scanner drive belt tension, then remove the scanner drive belt, PL 14.13 Item 21.
11. Remove the scan motor assembly, PL 14.13 Item 4.

Replacement

1. Replacement is the reverse of the removal procedure.
2. Ensure that the scanner drive belt is installed correctly into the belt clamp on the CCD module, Figure 5.

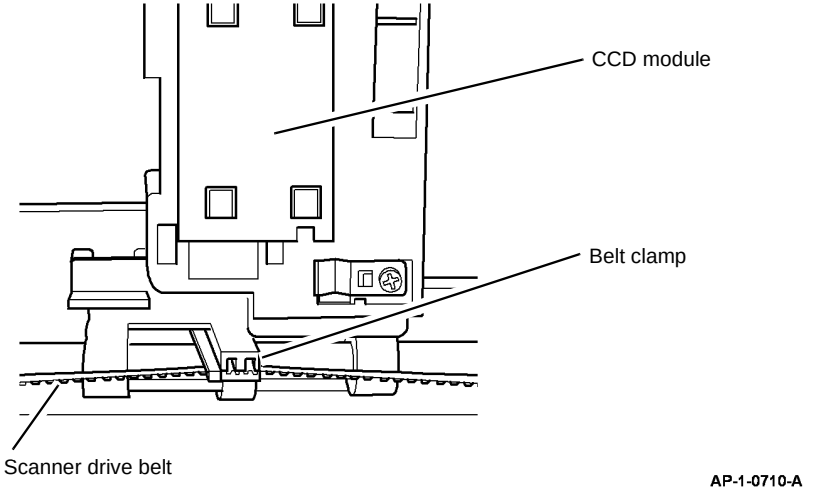

Figure 5 CCD module replacement

3. Ensure the CCD ribbon cable is reconnected correctly:
   - When connected to the CCD module, the blue flash should face to the right (toward the CCD module).
   - When connected to the main PWB, the blue flash should face up.
4. If a new CCD module was installed, perform ADJ 14.1 Shading Adjustment.

ADJ 1.1 Machine Settings

Purpose

To correctly set up the machine.

Procedure

All adjustments to the machines settings are made via dC131 NVM Read/Write and GP 4 System Administration Tools. Go to the relevant procedure.

ADJ 5.1 DADF Side Edge Registration Adjustment

Purpose

To correctly set the DADF side edge registration.

Procedure

Go to the relevant procedure:

- 4150 Adjustment
- 4250/4260 Adjustment

4150 Adjustment

Perform the following:

1. Raise the input tray assembly, PL 5.10 Item 5.
2. Remove the lower cover, PL 5.10 Item 11.
3. Loosen the screw that secures the pinion gear, PL 5.10 Item 9 until the pinion gear is clear of the document guides.
4. Carefully move both document guides to the front or the rear to adjust the registration.

   NOTE: *Moving both document guides 1 tooth on the pinion gear will adjust the registration by approximately 3mm (0.1 inch).*

5. Assemble the input tray assembly.
6. Use the DADF to make 10 copies of a document. Check the registration, refer to IQS 3 Registration. If necessary, re-adjust the registration.

4250/4260 Adjustment

Perform the following:

1. Raise the input tray assembly, PL 5.30 Item 11.
2. Remove the lower cover, PL 5.32 Item 12.
3. While lifting the inboard end of the document guides away from the pinion gear, carefully move both document guides to the front or the rear to adjust the registration.

   NOTE: *Moving both document guides 1 tooth on the pinion gear will adjust the registration by approximately 3mm (0.1 inch).*

4. Assemble the input tray assembly.
5. Use the DADF to make 10 copies of a document. Check the registration, refer to IQS 3 Registration. If necessary, re-adjust the registration.

ADJ 8.1 Lead Edge Registration Adjustment

Purpose

To measure and adjust lead edge image to paper registration.

Check

NOTE: *Both the Check and the Adjustment use an internal test pattern. Both are performed in diagnostics.*

Check the lead edge registration (top edge of portrait A4 or 8.5x11 inch). Perform the following:

1. Enter dC606 Internal Print Test Patterns.
2. Select test pattern 7.
3. Select **Features**. For simplex lead edge check, select **1 Sided**. For duplex lead edge check select, **2 Sided**.
4. Select the tray. Select **Start Test**.

   NOTE: *Simplex copies exit face down. Duplex copies exit side 1 face down (side 2 face up).*

5. Measure the distance between the lead edge of the paper and the ABC line on the printed test pattern, Figure 1.

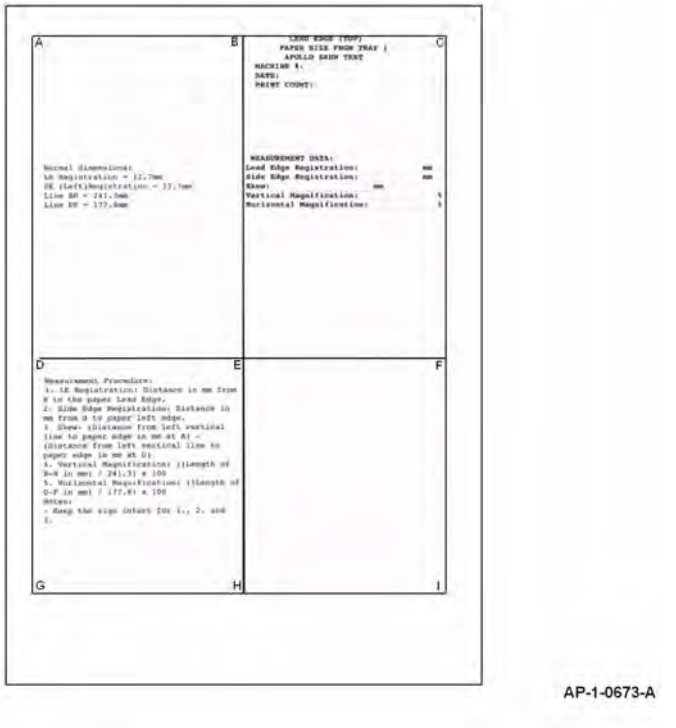

Figure 1 Test pattern 7

6. If the distance measured is not 12.7mm (0.5 inch) +/-0.3mm (0.01 inches), perform the Adjustment.

Adjustment

1. Select **Exit** (on the dC606 Internal Print Test Patterns screen).
2. Select **Diagnostic Routines**.
3. Select **Copier Routines**.
4. Select **131 NVM Read Write**.
5. Refer to Table 1. Select the relevant NVM setting.

Table 1 NVM location

Mode	Tray	Location
Simplex	1	07-100
Simplex	2	07-200
Simplex	3	07-300
Simplex	4	07-400
Simplex	Bypass	07-500
Duplex Side 1	1	07-140
Duplex Side 1	2	07-240
Duplex Side 1	3	07-340
Duplex Side 1	4	07-440
Duplex Side 1	Bypass	07-540
Duplex Side 2	1	07-120
Duplex Side 2	2	07-220
Duplex Side 2	3	07-320
Duplex Side 2	4	07-420
Duplex Side 2	Bypass	07-520

6. Select **Read/Write**. Enter a new value as follows:
   - To increase the lead edge registration (move the ABC line away from the paper edge), enter a value larger than the current value.
   - To decrease the lead edge registration (move the ABC line toward the paper edge), enter a value smaller than the current value.

   NOTE: *A change of 12 will change the registration by approximately 6mm (0.25 inch)*
7. Save the adjustment.
   a. Select **Save**.
   b. Select **OK**.
8. Prepare to check the adjustment.
   a. Select **Close**.
   b. Select **Diagnostic Routines**.
   c. Select **Other Routines**.
9. Perform again the Check.

ADJ 8.2 Side Edge Registration Adjustment

Purpose

To measure and adjust side edge image to paper registration.

Check

NOTE: *Both the Check and the Adjustment use an internal test pattern. Both are performed in diagnostics.*

Check the side edge registration (left side edge of portrait A4 or 8.5x11 inch). Perform the following:

1. Enter dC606 Internal Print Test Patterns.
2. Select test pattern 7.
3. Select **Features**. For simplex side edge check, select **1 Sided**. For duplex side edge check select, **2 Sided**.
4. Select the tray. Select **Start Test**.

   NOTE: *Simplex copies exit face down. Duplex copies exit side 1 face down (side 2 face up).*

5. Measure the distance between the side edge of the paper and the ADG line on the printed test pattern, Figure 1.

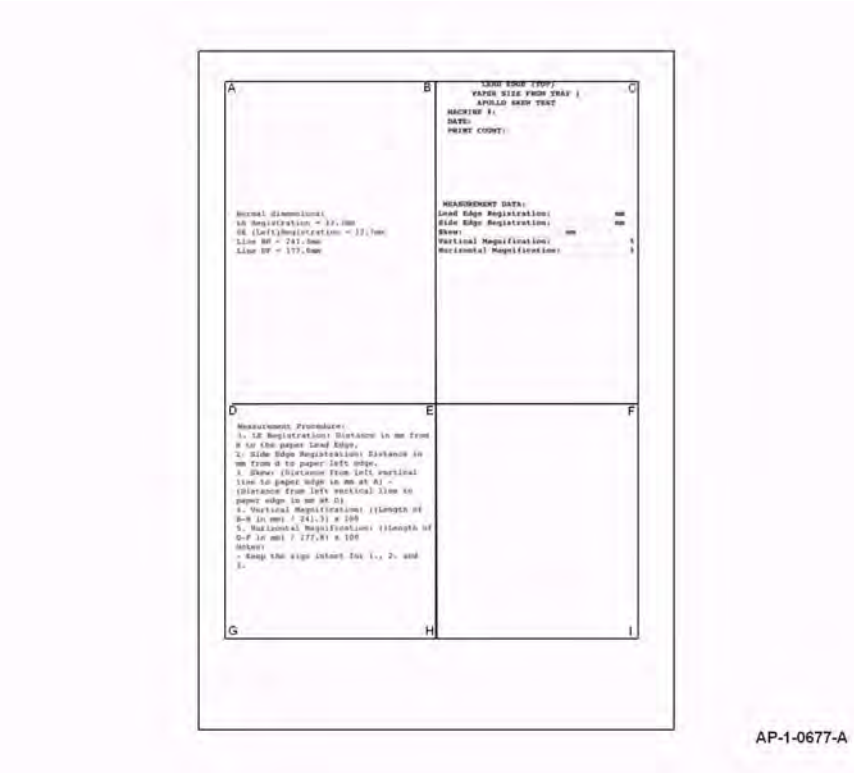

Figure 1 Test pattern 7

6. If the distance measured is not 12.7mm (0.5 inch) +/-3mm (1/8 inches), perform the Adjustment.

Adjustment

1. Select **Exit** (on the dC606 Internal Print Test Patterns screen).
2. Select **Diagnostic Routines**.
3. Select **Copier Routines**.
4. Select **131 NVM Read Write**.
5. Refer to Table 1. Select the relevant NVM setting.

Table 1 NVM location

Mode	Tray	Location
Simplex	1	07-110
Simplex	2	07-210
Simplex	3	07-310
Simplex	4	07-410
Simplex	Bypass	07-510
Duplex Side 1	1	07-150
Duplex Side 1	2	07-250
Duplex Side 1	3	07-350
Duplex Side 1	4	07-450
Duplex Side 1	Bypass	07-550
Duplex Side 2	1	07-130
Duplex Side 2	2	07-230
Duplex Side 2	3	07-330
Duplex Side 2	4	07-430
Duplex Side 2	Bypass	07-530

6. Select **Read/Write**. Enter a new value as follows:
   - To increase the side edge registration (move the ADG line away from the paper edge), enter a value larger than the current value.
   - To decrease the side edge registration (move the ADG line toward the paper edge), enter a value smaller than the current value.

   ***NOTE:** A change of 12 will change the registration by approximately 6mm (0.25 inch)*
7. Save the adjustment.
   a. Select **Save**.
   b. Select **OK**.
8. Prepare to check the adjustment.
   a. Select **Close**.
   b. Select **Diagnostic Routines**.
   c. Select **Other Routines**.
9. Perform again the Check.

ADJ 14.1 Shading Adjustment

Purpose

To test the CCD. If the image quality is unsatisfactory, perform this procedure to check the operation of the CCD.

Check

NOTE: *Before performing the shading test, ensure the DADF is lowered.*

Perform the following:

1. Enter diagnostics, GP 1 or System Administration Tools, GP 4.
2. Select **Shading Test**.
3. Select **Shade and Print Report** or **Print Last Shade Report**.
4. The shading test profile will be printed when diagnostics or system administration tools are exited, Figure 1.
5. Check the shading test profile. The result of the test will be printed at the bottom of the page. If the result of the test is 'OK', the CCD is good. If necessary, perform the Corrective Actions.

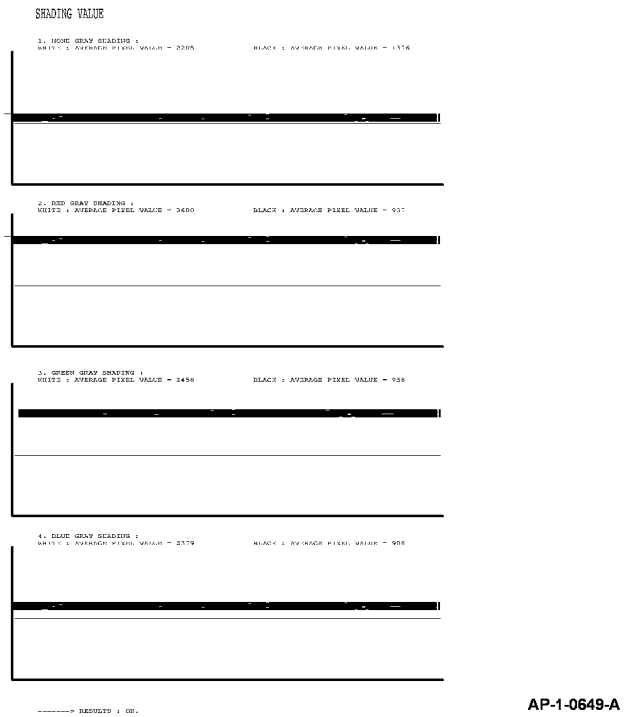

Figure 1 Shading profile

Corrective Actions

Perform the following:

1. Install new components as necessary:
   - CCD module (4150), PL 14.10 Item 2.
   - CCD module (4250/4260), PL 14.13 Item 2.
   - CCD ribbon cable (4150), PL 14.10 Item 7.
   - CCD ribbon cable (4250/4260), PL 14.13 Item 7.
   - Scanner assembly (4150), PL 14.10 Item 1.
   - Scanner assembly (4250/4260), PL 14.13 Item 1.
2. Perform the OF5 Main PWB Check RAP.

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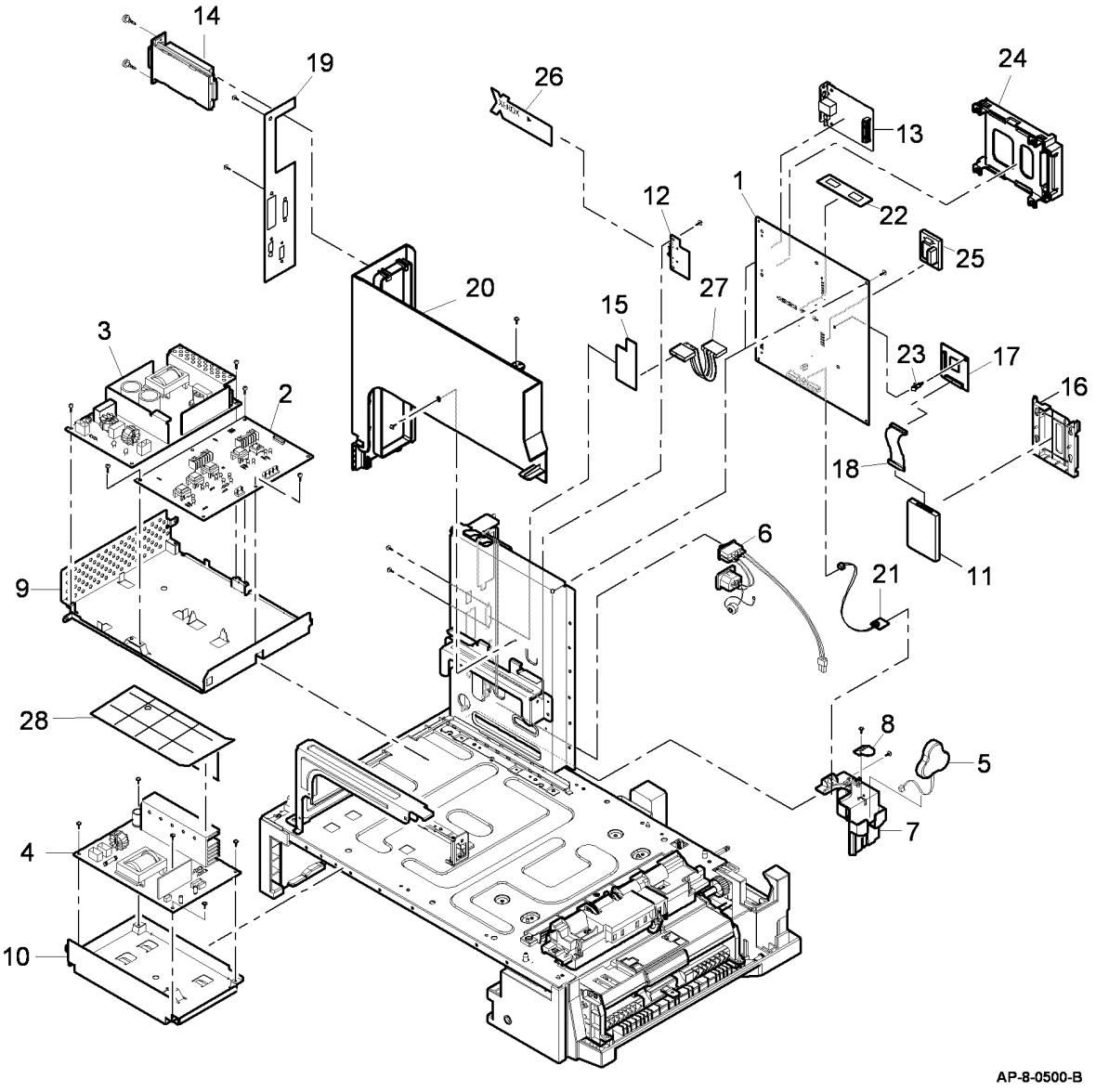
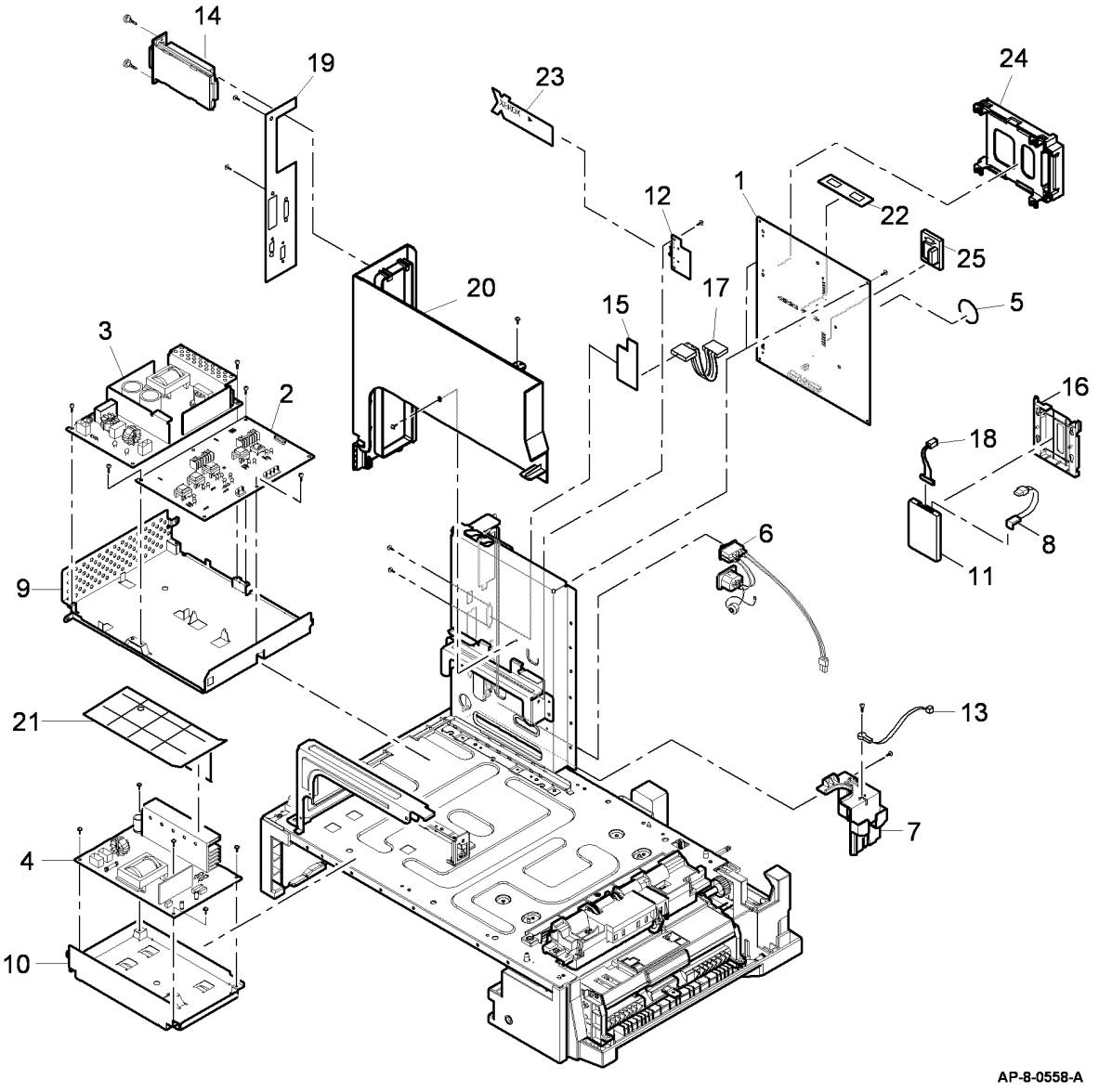
PL 1.10 Power and Control Assembly (4150)

Item	Part	Description
1	140N63141	Main PWB (REP 1.2)
2	105N02092	HVPS (REP 1.1)
3	105N02091	Power supply unit (1) 220V (XE) (REP 1.1)
–	105N02090	Power supply unit (1) 110V (USSG/ XCL) (REP 1.1)
4	112N00221	Power supply unit (2) (XE) (REP 1.3)
–	112N00220	Power supply unit (2) (USSG/XCL) (REP 1.3)
5	105N02093	Battery
6	152N11705	Main power socket
7	–	Cover (Not Spared)
8	–	Battery retainer (Not Spared)
9	–	Support cage (Not Spared)
10	–	Support cage (Not Spared)
11	005N01086	HDD
12	101N01387	SIM PWB
13	101N01388	NIC PWB
14	–	FAX module (REF: PL 20.10 Item 6)
15	–	Foreign device interface PWB (P/O PL 31.10 Item 2)
16	–	HDD cover (Not Spared)
17	140N63205	HDD PWB
18	152N11731	HDD harness
19	–	Infill cover (REF: PL 28.10 Item 5)
20	–	Rear exit cover (REF: PL 28.10 Item 8)
21	140N62870	Ambient temperature sensor
22	144N00138	Memory DIMM (128Mb)
–	144N00139	Memory DIMM (256 Mb)
23	–	Stand off (Not Spared)
24	019N00909	FAX holder
25	–	MSOK (Not Spared)
26	–	PEK/FEK (Not Spared)
27	–	Foreign device interface harness (P/O PL 31.10 Item 2)
28	–	Power supply unit cover (Not Spared)



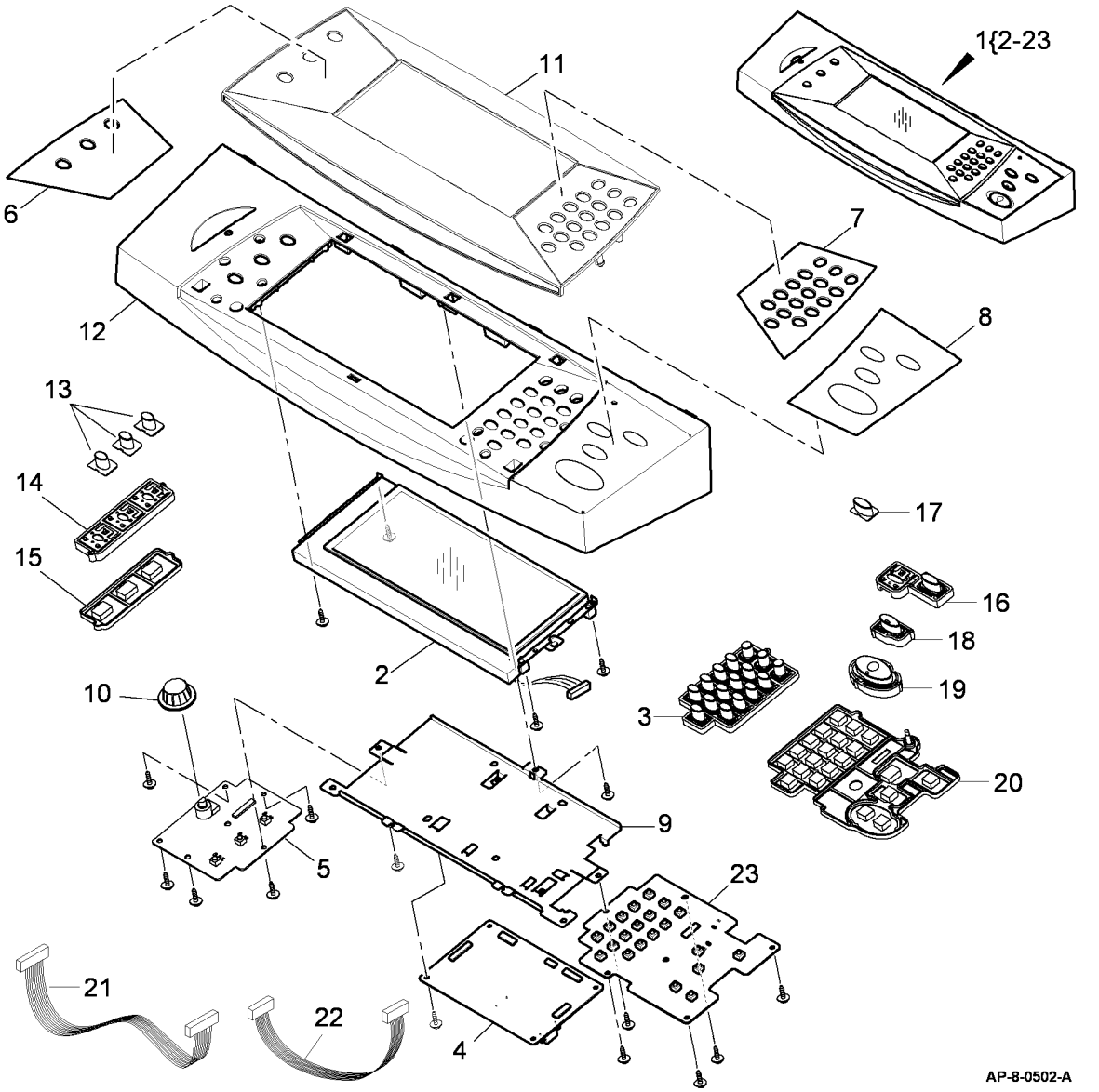
PL 1.15 Power and Control Assembly (4250/4260)

Item	Part	Description
1	140N63392	Main PWB (4250) (REP 1.5)
–	140N63352	Main PWB (4260) (REP 1.5)
2	105N02155	HVPS (REP 1.4)
3	105N02158	Power supply unit (1) 220V (XE) (REP 1.4)
–	105N02157	Power supply unit (1) 110V (USSG/XCL) (REP 1.4)
4	110N01430	Power supply unit (2) 220V (XE) (REP 1.6)
–	110N01429	Power supply unit (2) 110V (USSG/XCL) (REP 1.6)
5	–	Battery (Not Spared)
6	152N11783	Main power socket
7	–	Cover (Not Spared)
8	–	HDD SATA harness (Not Spared)
9	–	Support cage (Not Spared)
10	–	Support cage (Not Spared)
11	007N01596	HDD
12	101N01445	SIM PWB
13	130N01531	Ambient temperature thermistor
14	–	FAX module (REF: PL 20.10 Item 6)
15	140N63346	Foreign device interface PWB
16	–	HDD cover (Not Spared)
17	152N11762	Foreign device interface harness
18	–	HDD power harness (Not Spared)
19	–	Infill cover (REF: PL 28.10 Item 5)
20	–	Rear exit cover (REF: PL 28.10 Item 8)
21	–	Power supply unit cover (Not Spared)
22	140N63353	Memory DIMM
23	–	OSOK (Not Spared)
24	019N00909	FAX holder
25	–	MSOK (4250) (Not Spared)
–	–	MSOK (4260) (Not Spared)



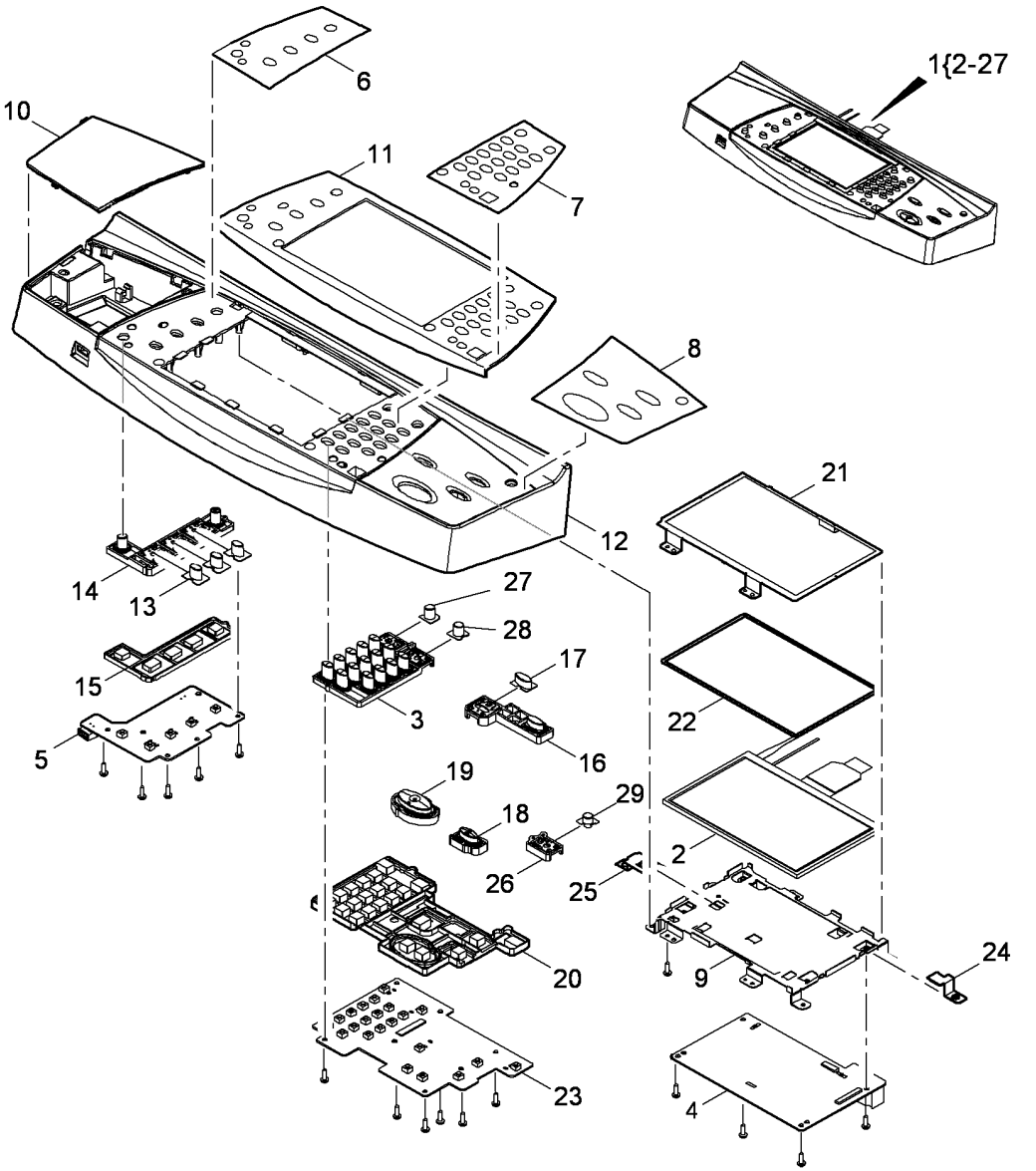
PL 2.10 User Interface (4150)

Item	Part	Description
1	002N02562	User interface assembly (REP 2.1)
–	002N02621	User interface assembly (REP 2.1)
2	123N00244	Touch screen
3	003N01009	Numerical key matrix
4	140N63147	User interface PWB
5	140N63146	Left keys PWB
6	101N01390	Status label (English)
–	101N01393	Status label (French)
–	101N01396	Status label (International)
7	101N01391	Numerical label (English)
–	101N01397	Numerical label (International)
–	101N01394	Numerical label (French)
8	101N01392	Start label (English)
–	101N01398	Start label (International)
–	101N01395	Start label (French)
9	–	Cover (P/O PL 2.10 Item 1)
10	003N01007	Contrast control knob
11	002N02578	UI inlay
12	–	UI housing (P/O PL 2.10 Item 1)
13	123N00243	Job status key
14	003N01006	Job status key pad
15	003N01008	Left hand PWB membrane
16	018N00194	All clear key
17	029N00351	Interrupt key
18	029N00352	Stop key
19	029N00353	Start key
20	003N01010	Right PWB membrane
21	152N11712	Left keys PWB harness
22	152N11713	Right keys PWB harness
23	140N63145	Right keys PWB



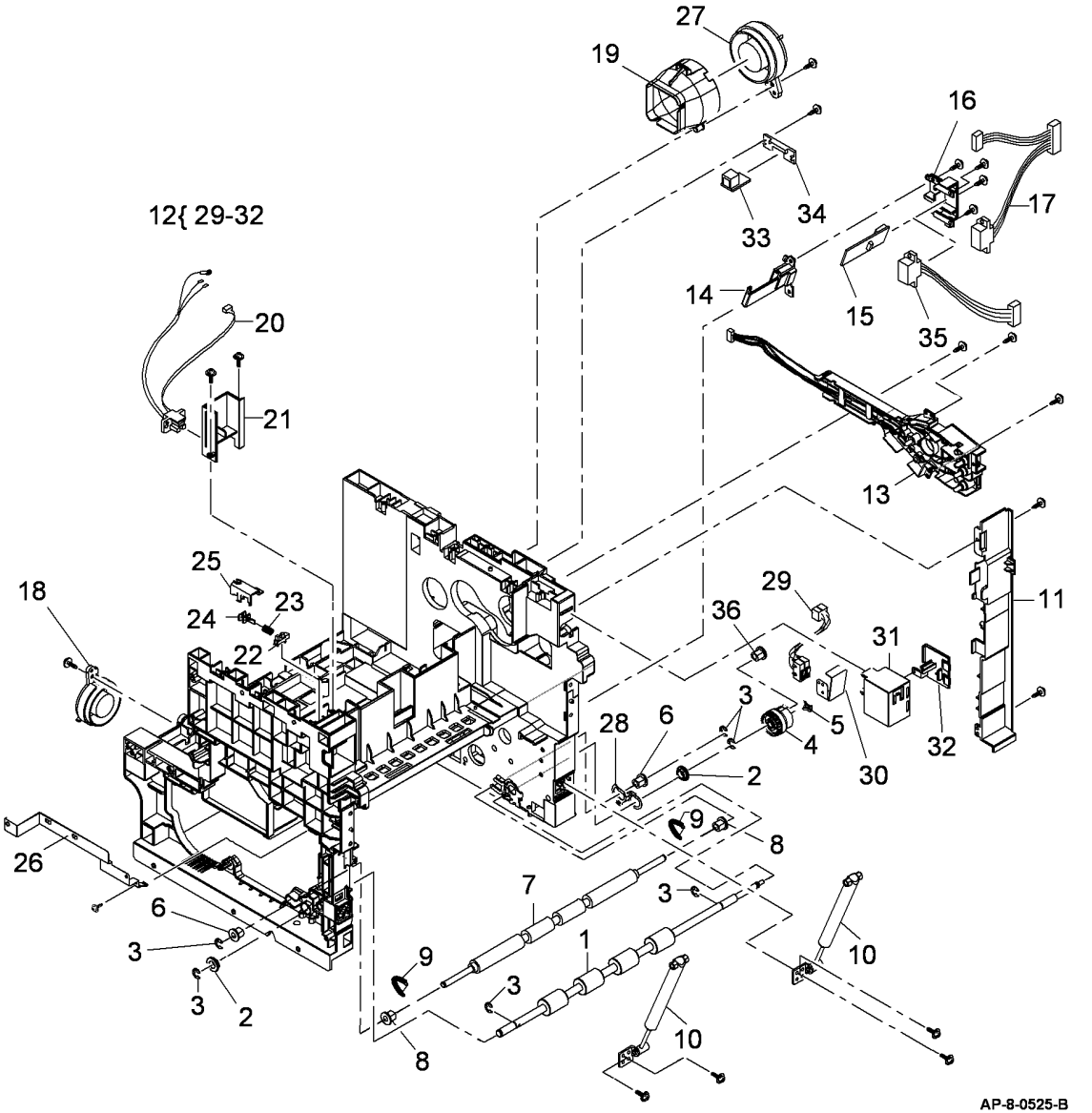
PL 2.12 User Interface (4250/4260)

Item	Part	Description
1	140N63393	User interface assembly (4250) (REP 2.2)
–	002N02876	User interface assembly (4260) (REP 2.2)
2	123N00250	Touch screen
3	029N00388	Numerical key matrix
4	140N63394	User interface PWB (4250)
–	140N63359	User interface PWB (4260)
5	140N63361	Left keys PWB
6	091N80277	Status label (English)
–	091N80273	Status label (International)
–	091N80278	Status label (French)
7	091N80279	Numerical label (English)
–	091N80274	Numerical label (International)
–	091N80280	Numerical label (French)
8	091N80286	Start label (English)
–	091N80288	Start label (International)
–	091N80287	Start label (French)
9	–	Cover (P/O PL 2.12 Item 1)
10	–	Housing panel (P/O PL 2.12 Item 1)
11	002N02877	UI inlay
12	–	UI housing (P/O PL 2.12 Item 1)
13	029N00385	Job status key
14	029N00398	Job status key pad
15	029N00396	Left hand PWB membrane
16	003N01043	All clear key
17	029N00391	Interrupt key
18	029N00393	Stop key
19	029N00394	Start key
20	003N01048	Right PWB membrane
21	–	Touch screen frame (P/O PL 2.12 Item 1)
22	–	Touch screen wire (P/O PL 2.12 Item 1)
23	140N63360	Right keys PWB
24	–	Bracket (P/O PL 2.12 Item 1)
25	–	Bracket (P/O PL 2.12 Item 1)
26	029N00390	Power key holder
27	029N00386	Login/logout key
28	029N00387	Help key
29	029N00389	Power key



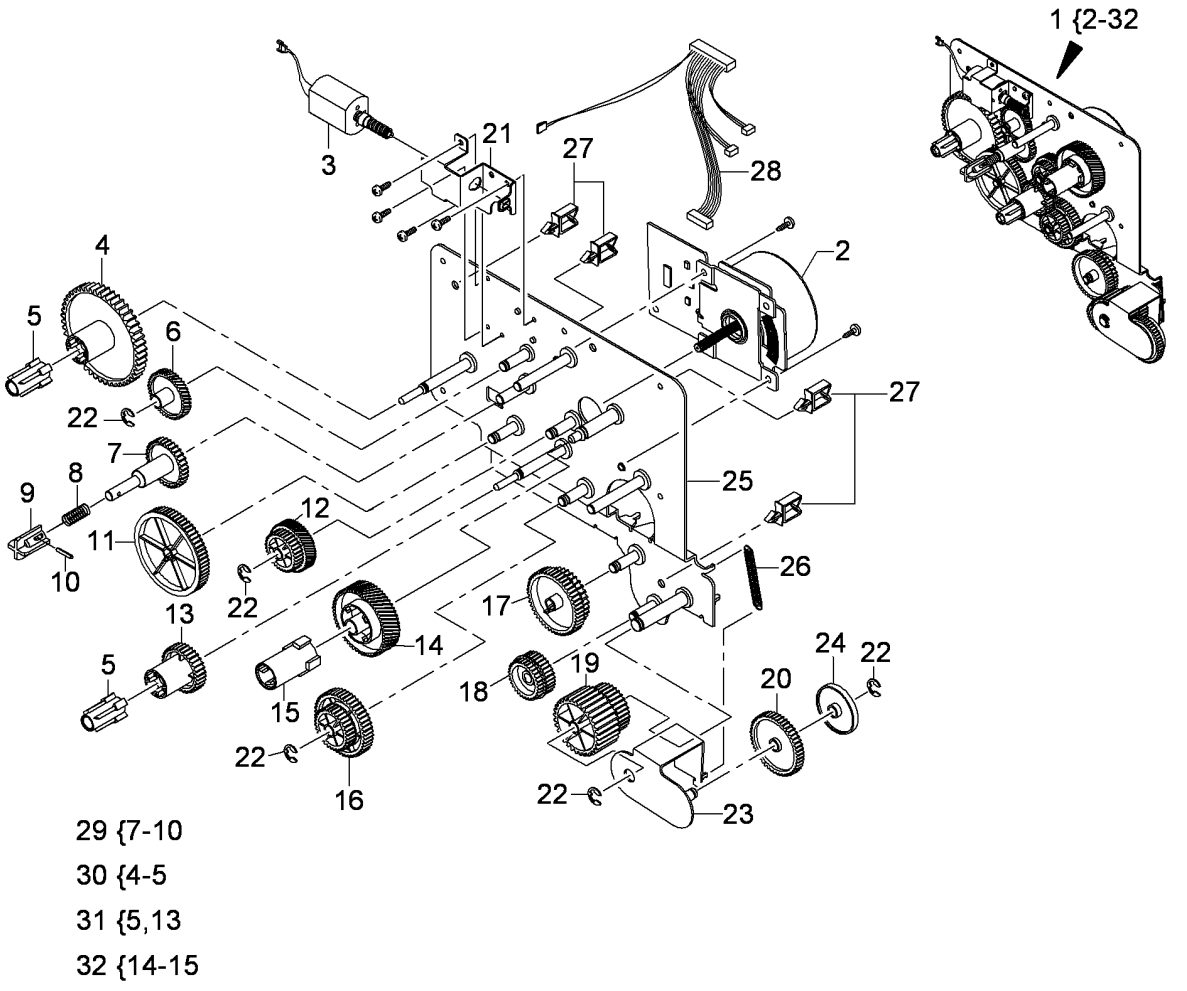
PL 4.15 Main Frame Assembly

Item	Part	Description
1	022N02229	Registration roll (REP 8.2)
2	016N00293	Bearing (REP 8.2)
3	–	E-Clip (Not Spared)
4	005N01085	Registration clutch (CL08-850)
5	–	KL-Clip (Not Spared) (4150)
6	016N00294	Bearing (REP 8.2)
7	022N02271	Registration idler roll (REP 8.2)
8	–	Bearing (Not Spared)
9	–	Tension spring (Not Spared)
10	004N00245	Damper
11	–	Infill panel (Not Spared)
12	–	Side cover interlock switch assembly (S01-100) (Not Spared)
13	115N00861	Terminal assembly (REP 9.3)
14	–	Housing CRUM PWB (Not Spared) (4150)
15	113N01303	CRUM PWB (4150) (REP 9.2)
16	–	Cover CRUM PWB (Not Spared)
17	152N11706	Xerographic module connector (4150) (REP 9.2)
–	152N11764	Xerographic module connector (4250/4260) (REP 9.2)
18	127N07487	SMPS fan (09-500) (4150)
–	127N07589	SMPS fan (09-500) (4250/4260)
19	–	Duct (Not Spared)
20	152N11732	Fuser connector (4150 REP 10.6) (4250/4260 REP 10.8)
21	–	Retainer (Not Spared)
22	130N01274	Exit cover present sensor (4150/4260)
23	–	Spring (Not Spared) (4150/4260)
24	–	Actuator (Not Spared) (4150/4260)
25	–	Sensor cover (Not Spared) (4150/4260)
26	115N00874	Xerographic module, ground connector (4250/4260)
27	127N07485	Fuser fan (10-500) (4150)
–	127N07591	Fuser fan (10-500) (4250/4260)
28	–	Ground clip (Not Spared)
29	002N02571	Side cover interlock switch (S01-100)
30	–	Side cover interlock switch actuator (P/O PL 4.15 Item 12)
31	–	Side cover interlock switch housing (P/O PL 4.15 Item 12)
32	–	Side cover interlock switch panel (P/O PL 4.15 Item 12)
33	–	Toner cartridge CRUM connector (Not Spared) (4250/4260) (REP 9.5)
34	–	CRUM connector cover (Not Spared) (4250/4260)
35	–	Xerographic module connector (Not Spared) (4250/4260) (REP 9.4)
36	–	Bearing (Not Spared) (4250/4260)



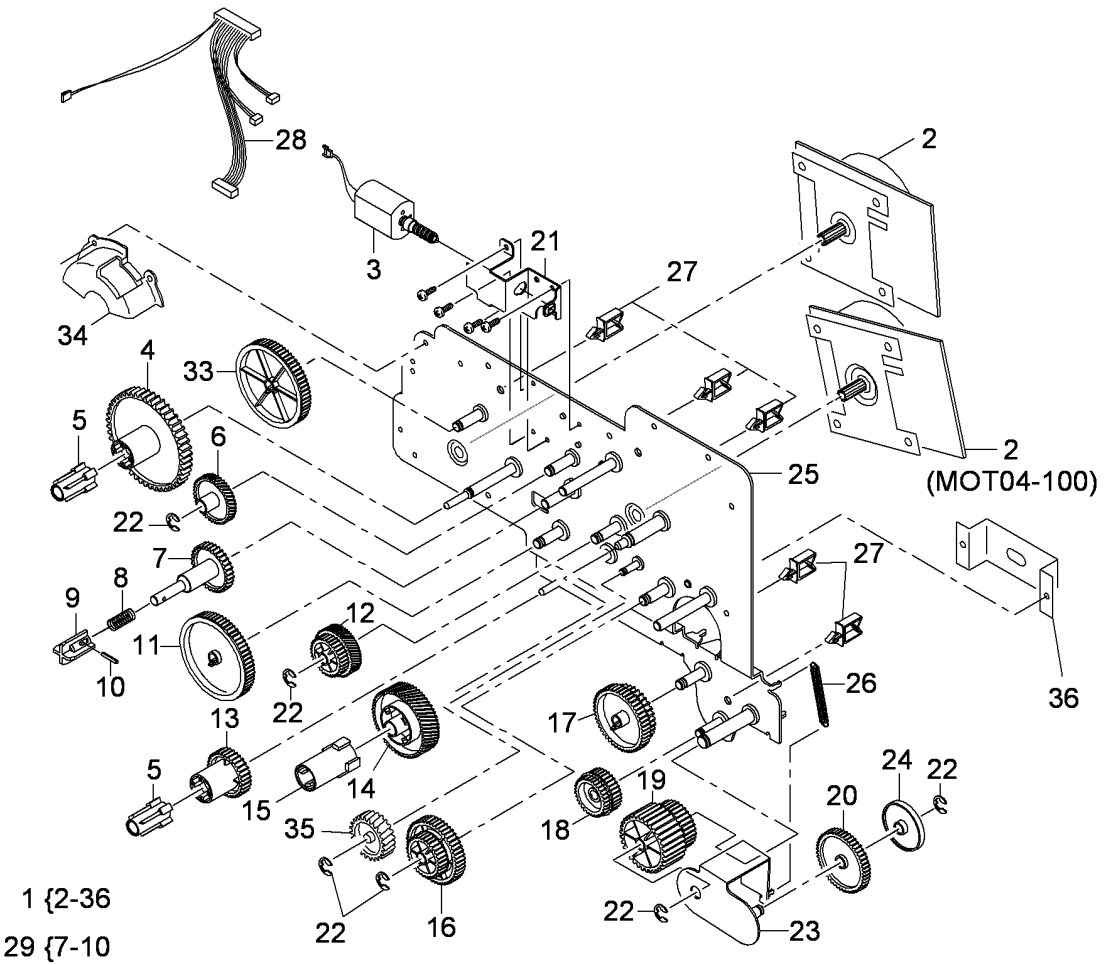
PL 4.20 Drives Assembly (4150)

Item	Part	Description
1	002N02556	Main drive assembly (REP 4.1)
2	127N07489	Main BLDC motor (MOT 04-100)
3	007N01515	Toner dispense motor (MOT 09-600) (REP 9.1)
4	–	Agitator gear (P/O PL 4.20 Item 30)
5	–	Coupling (P/O PL 4.20 Item 30, PL 4.20 Item 31)
6	007N01500	Idler gear
7	–	Dispense idler gear (P/O PL 4.20 Item 29)
8	–	Spring (P/O PL 4.20 Item 29)
9	–	Toner coupling (P/O PL 4.20 Item 29)
10	–	Pin (P/O PL 4.20 Item 29)
11	007N01501	Agitator Idler gear
12	007N01502	Registration Idler gear (A)
13	–	Mixer gear (P/O PL 4.20 Item 31)
14	–	Xerographic module base gear (P/O PL 4.20 Item 32)
15	–	Coupling (P/O PL 4.20 Item 32)
16	007N01505	Registration Idler gear (B)
17	007N01506	Pickup idler gear (A)
18	007N01507	Bypass idler gear (A)
19	007N01508	Bypass idler gear (B)
20	007N01509	Duplex idler gear
21	–	Bracket (P/O PL 4.20 Item 1)
22	–	E-Clip (Not Spared)
23	–	Swing bracket (P/O PL 4.20 Item 1)
24	–	Collar (P/O PL 4.20 Item 1)
25	–	Main bracket (P/O PL 4.20 Item 1)
26	–	Spring (P/O PL 4.20 Item 1)
27	–	Cable clamp (Not Spared)
28	–	Harness (P/O PL 4.20 Item 1)
29	007N01516	Toner dispense gear assembly
30	007N01499	Agitator gear assembly
31	007N01503	Mixer gear assembly
32	007N01558	Xerographic module base gear assembly



PL 4.25 Drives Assembly (4250/4260)

Item	Part	Description
1	002N02804	Main drive assembly (REP 4.3)
2	127N07588	Main BLDC motor (MOT04-100), Developer drive motor
3	127N07587	Toner dispense motor (MOT09-600) (REP 9.1)
4	–	Agitator gear (P/O PL 4.25 Item 30)
5	–	Coupling (P/O PL 4.25 Item 30, PL 4.25 Item 31)
6	007N01500	Idler gear
7	–	Dispense idler gear (P/O PL 4.25 Item 29)
8	–	Spring (P/O PL 4.25 Item 29)
9	–	Toner coupling (P/O PL 4.25 Item 29)
10	–	Pin (P/O PL 4.25 Item 29)
11	007N01501	Agitator Idler gear
12	007N01502	Registration Idler gear (A)
13	–	Mixer gear (P/O PL 4.25 Item 31)
14	007N01504	Xerographic module base gear
15	–	Coupling (P/O PL 4.25 Item 32)
16	007N01616	Registration Idler gear (B)
17	007N01617	Pickup idler gear (A)
18	007N01618	Bypass idler gear (A)
19	–	Bypass idler gear (B) (P/O PL 4.25 Item 1)
20	–	Duplex idler gear (P/O PL 4.25 Item 1)
21	–	Bracket (P/O PL 4.25 Item 1)
22	–	E-Clip (Not Spared)
23	–	Swing bracket (P/O PL 4.25 Item 1)
24	–	Collar (P/O PL 4.25 Item 1)
25	–	Main bracket (P/O PL 4.25 Item 1)
26	–	Spring (P/O PL 4.25 Item 1)
27	–	Cable clamp (P/O PL 4.25 Item 1)
28	–	Harness (P/O PL 4.25 Item 1)
29	007N01516	Toner dispense gear assembly
30	–	Agitator gear assembly (P/O PL 4.25 Item 1)
31	007N01503	Mixer gear assembly
32	–	Xerographic module base gear assembly (P/O PL 4.25 Item 1)
33	007N01619	Transfer gear
34	–	Transfer gear cover (P/O PL 4.25 Item 1)
35	–	Gear (P/O PL 4.25 Item 1)
36	–	Bracket (P/O PL 4.25 Item 1)



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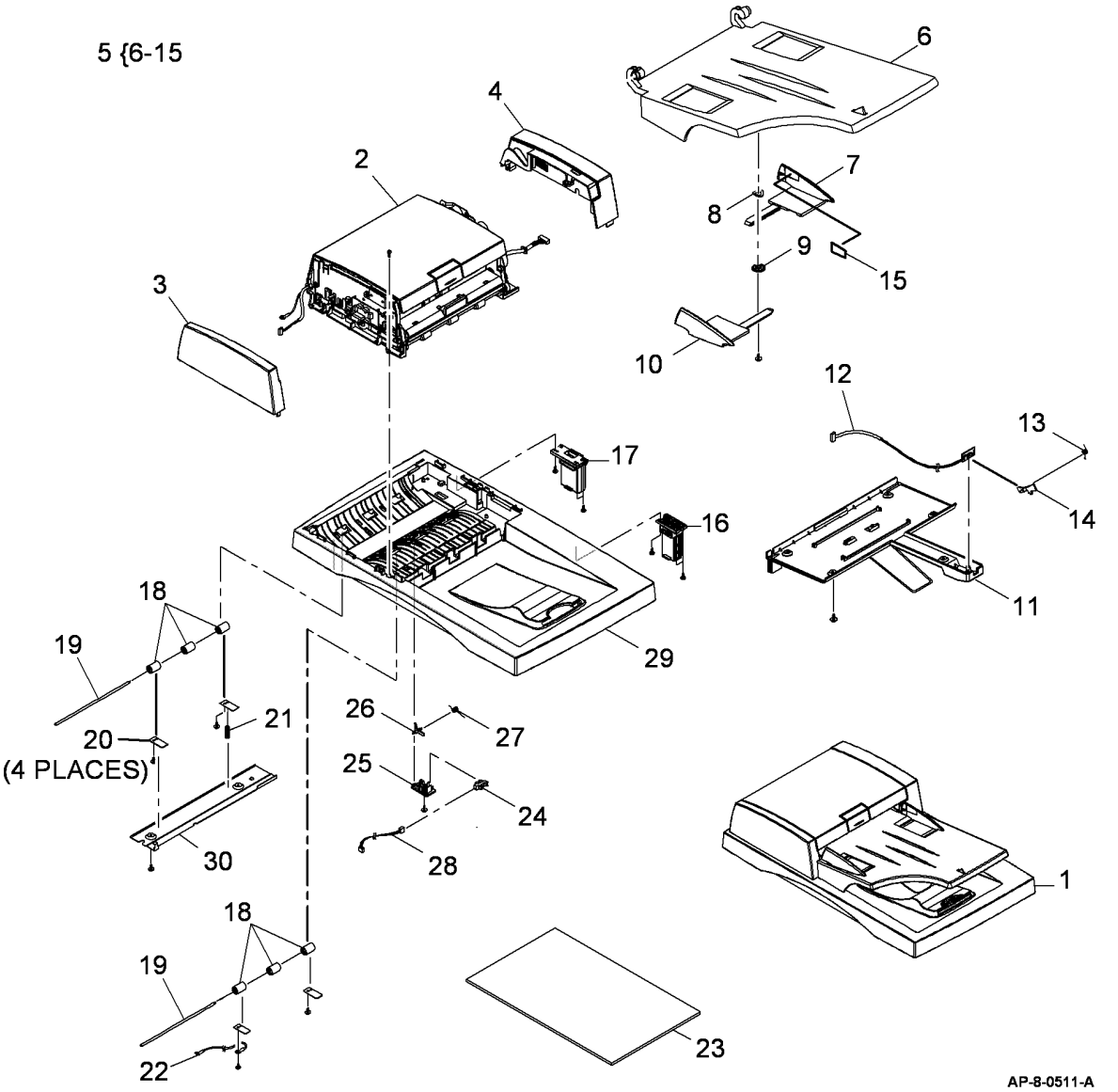
PL 5.10 DADF Assembly (1 of 4) (4150)

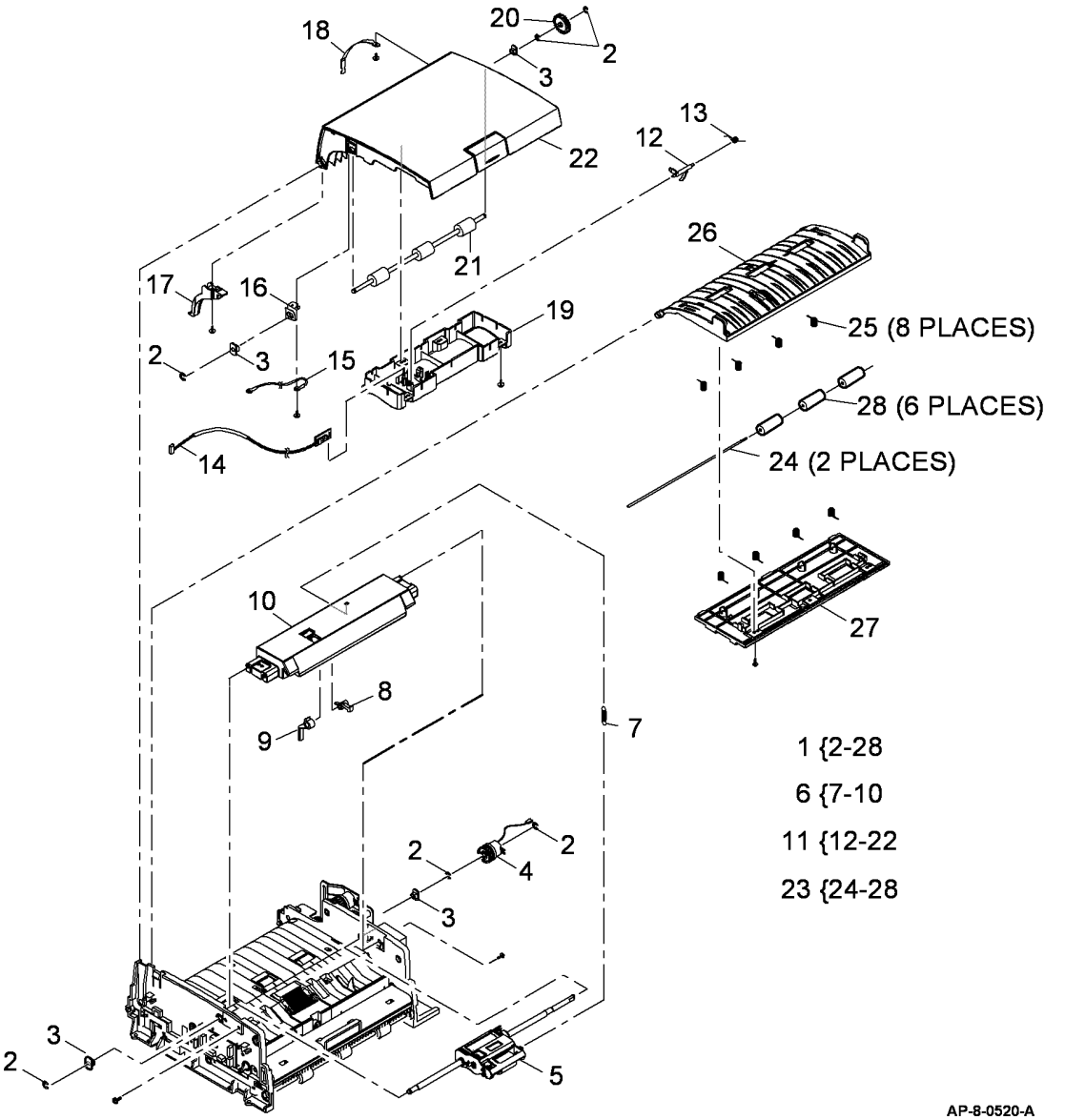
Item	Part	Description
1	002N02558	DADF assembly (REP 5.1), (ADJ 5.1)
2	022N02280	Document transport assembly (REP 5.1)
3	–	Front cover (P/O PL 5.10 Item 1) (REP 5.1)
4	–	Rear cover (P/O PL 5.10 Item 1) (REP 5.1)
5	050N00494	Input tray assembly (REP 5.1)
6	–	Stacker tray (P/O PL 5.10 Item 5)
7	–	Document guide left (P/O PL 5.10 Item 5)
8	–	Washer (P/O PL 5.10 Item 5)
9	007N01525	Pinion gear
10	–	Document guide right (P/O PL 5.10 Item 5)
11	–	Lower cover (P/O PL 5.10 Item 5)
12	140N62867	Paper length sensor (Q05-120)
13	–	Spring (P/O PL 5.10 Item 5)
14	–	Actuator (P/O PL 5.10 Item 5)
15	091N80242	Max fill label
16	003N00967	Right counterbalance
17	003N01004	Left counterbalance
18	–	Idle roll (P/O PL 5.10 Item 1)
19	–	Idle shaft (P/O PL 5.10 Item 1)
20	–	Retaining plate (P/O PL 5.10 Item 1)
21	–	Spring (P/O PL 5.10 Item 1)
22	–	Ground harness (P/O PL 5.10 Item 1)
23	025N00081	Document pad
24	130N01274	Gate sensor (Q05-150)
25	–	Actuator cradle (P/O PL 5.10 Item 1)
26	–	Actuator (P/O PL 5.10 Item 1)
27	–	Spring (P/O PL 5.10 Item 1)
28	–	Sensor harness (P/O PL 5.10 Item 1)
29	–	Platen cover (P/O PL 5.10 Item 1)
30	–	Idler cover (P/O PL 5.10 Item 1)



PL 5.15 DADF Assembly (2 of 4) (4150)

Item	Part	Description
1	–	Transport assembly (REF: PL 5.10 Item 2)
2	–	E-clip (Not Spared)
3	–	Bearing (P/O PL 5.15 Item 1)
4	–	Pick up clutch (CL05-300) (P/O PL 5.10 Item 1)
5	130N01466	Feed roll assembly (See Note)
6	030N00721	Upper feed assembly (REP 5.1)
7	–	Spring (P/O PL 5.15 Item 6)
8	–	Link arm (P/O PL 5.15 Item 6)
9	–	Feed gate (P/O PL 5.15 Item 6)
10	–	Upper feed cover (P/O PL 5.15 Item 6)
11	002N02288	Top cover assembly (REP 5.1)
12	–	Actuator (P/O PL 5.15 Item 11)
13	–	Spring (P/O PL 5.15 Item 11)
14	140N62869	Registration sensor (Q05-130)
15	–	Ground harness (P/O PL 5.15 Item 11)
16	–	Ground clip (P/O PL 5.15 Item 11)
17	–	Harness cover (P/O PL 5.15 Item 11)
18	–	Top cover restraining strap (P/O PL 5.15 Item 11)
19	–	Sensor housing (P/O PL 5.15 Item 11)
20	007N01523	Registration gear
21	–	Registration roll (P/O PL 5.15 Item 11)
22	002N02583	Top cover
23	038N00497	Duplex guide (REP 5.1)
24	–	Idler shaft (P/O PL 5.15 Item 23)
25	–	Idler springs (P/O PL 5.15 Item 23)
26	–	Upper duplex guide (P/O PL 5.15 Item 23)
27	–	Lower duplex guide (P/O PL 5.15 Item 23)
28	–	Idlers (P/O PL 5.15 Item 23)

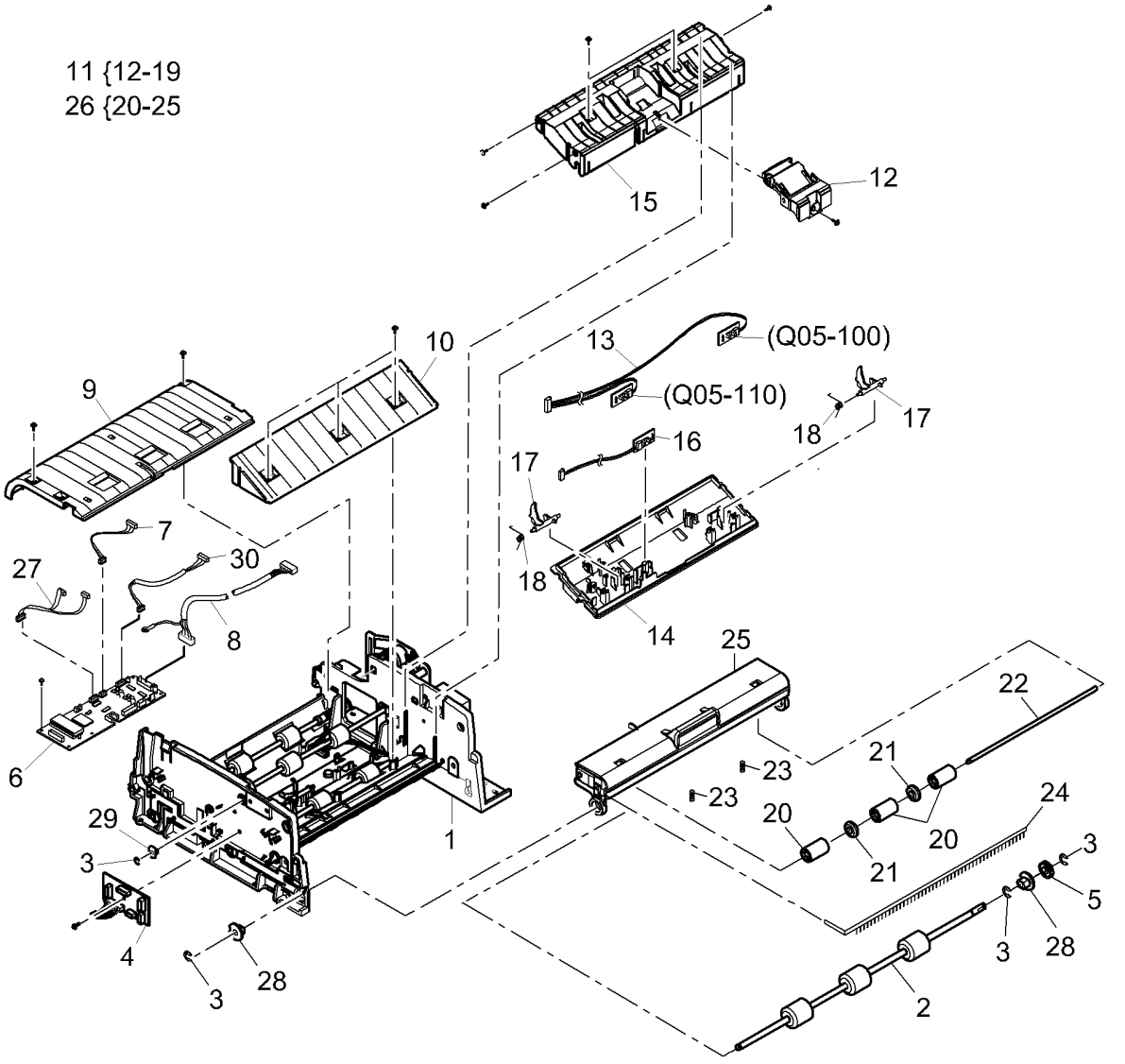
NOTE: *HFSI. To reset the HFSI count, go to GP 16.*



PL 5.20 DADF Assembly (3 of 4) (4150)

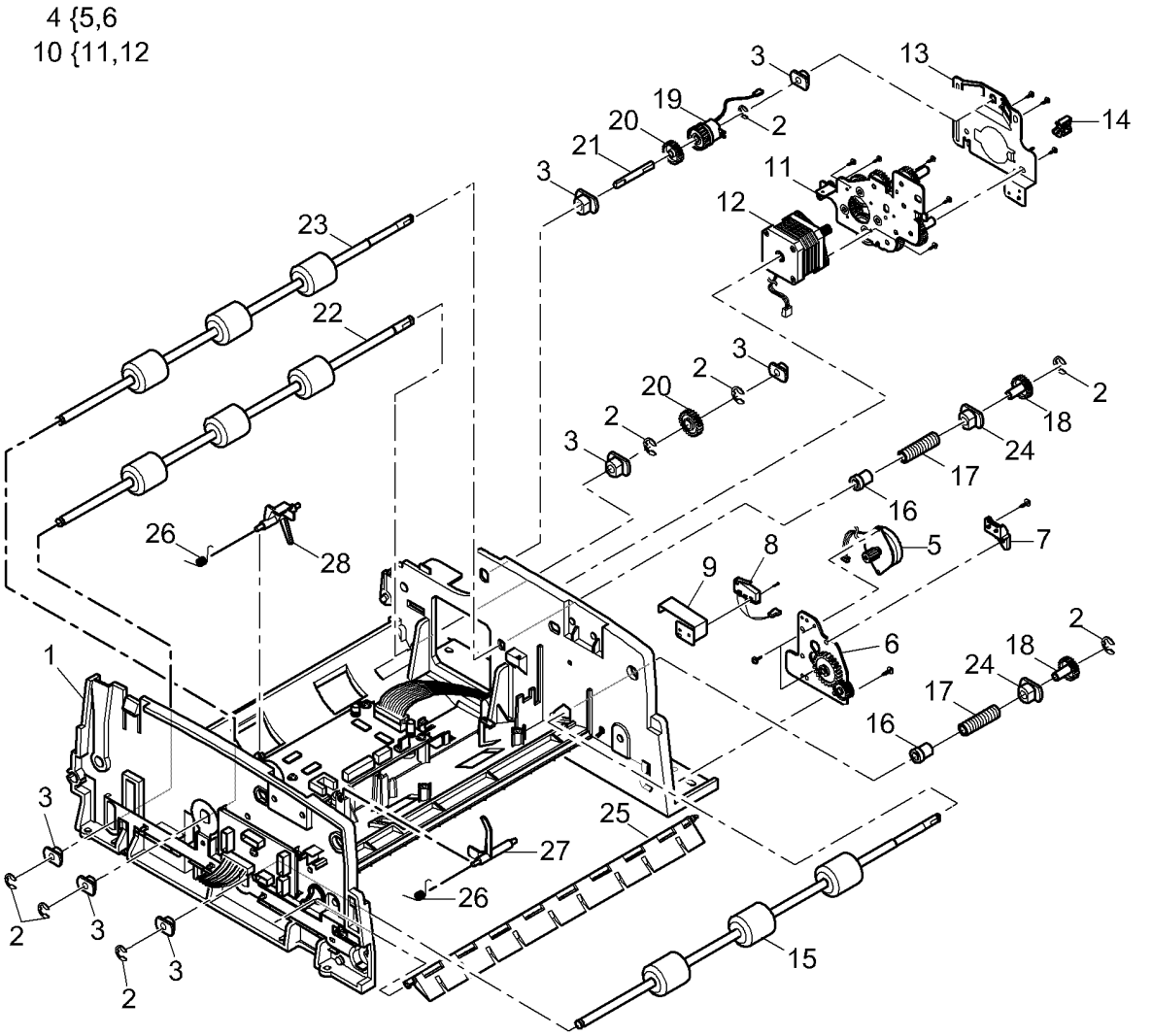
Item	Part	Description
1	–	Transport assembly (REF: PL 5.10 Item 2)
2	–	Exit roll (P/O PL 5.10 Item 2)
3	–	E-clip (Not Spared)
4	140N63152	DADF sensor PWB
5	007N01538	Exit roll gear (REP 5.1)
6	140N63144	DADF PWB (REP 5.2)
7	–	Scan motor harness (P/O PL 5.10 Item 2)
8	152N11711	Main I/F
9	–	Left guide (P/O PL 5.10 Item 2)
10	–	Right guide (P/O PL 5.10 Item 2)
11	130N01465	Lower feed assembly (REP 5.1)
12	019N00795	Retard pad (See Note)
13	140N63150	Document detect sensor (Q05-100), Paper width sensor (Q05-110) assembly
14	–	Lower feed bottom cover (P/O PL 5.20 Item 11)
15	–	Lower feed top cover (P/O PL 5.20 Item 11)
16	140N63151	Exit open Sensor (Q05-150)
17	120N00488	Actuator
18	–	Spring (P/O PL 5.20 Item 11)
19	–	Not used
20	–	Idler roll (P/O PL 5.20 Item 26)
21	–	Idler disc (P/O PL 5.20 Item 26)
22	–	Shaft (P/O PL 5.20 Item 26) (REP 5.1)
23	–	Spring (P/O PL 5.20 Item 26)
24	063N00110	Static eliminator
25	–	Exit cover (P/O PL 5.20 Item 26)
26	002N02584	Exit assembly (REP 5.1)
27	–	Clutch & switch harness (P/O PL 5.10 Item 2)
28	–	Exit roll bearing (P/O PL 5.10 Item 2)
29	–	Bearing (P/O PL 5.10 Item 2)
30	–	Scan motor harness (P/O PL 5.10 Item 2)

NOTE: *HFSI. To reset the HFSI count, go to GP 16.*



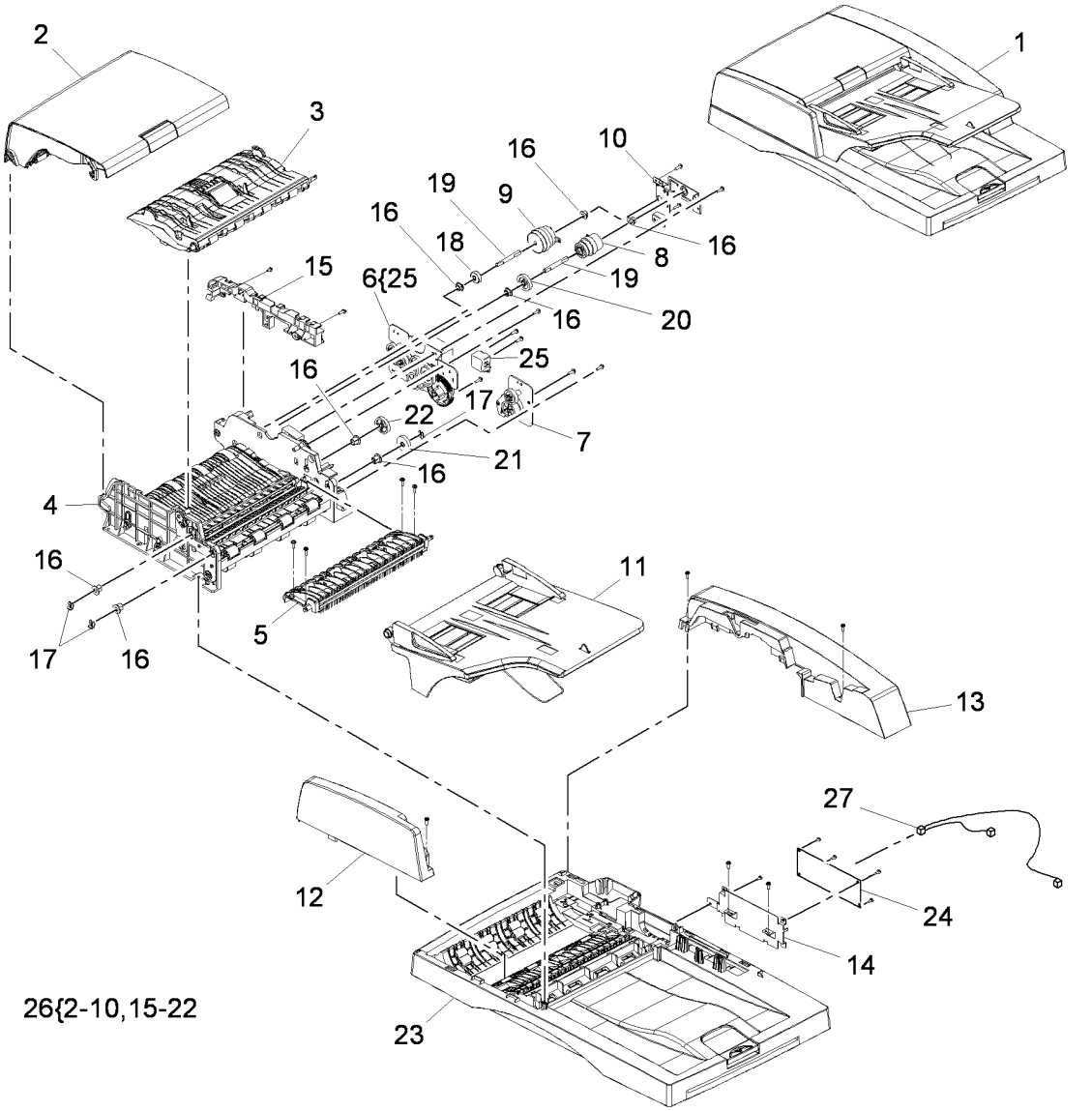
PL 5.25 DADF Assembly (4 of 4) (4150)

Item	Part	Description
1	–	Transport assembly (REF: PL 5.10 Item 2)
2	–	E-clip (Not Spared)
3	–	Bearing (P/O PL 5.25 Item 1)
4	127N07500	DADF duplex motor assembly (REP 5.1)
5	–	Duplex motor (MOT05-210) (P/O PL 5.25 Item 4)
6	–	Duplex bracket (P/O PL 5.25 Item 4)
7	–	Switch bracket (P/O PL 5.25 Item 1)
8	152N11715	DADF door open switch (S05-160)
9	–	Switch guard (P/O PL 5.25 Item 1)
10	127N07498	DADF Scan motor assembly (REP 5.1)
11	–	Gear assembly (P/O PL 5.25 Item 10)
12	127N07497	DADF scan motor (MOT05-200) (REP 5.1)
13	–	Drive gear cover (P/O PL 5.25 Item 1)
14	–	Harness clip (P/O PL 5.25 Item 1)
15	–	Gate roll (P/O PL 5.25 Item 1)
16	–	Bush holder (P/O PL 5.25 Item 1)
17	009N01605	Spring clutch
18	007N01524	Gear
19	–	Registration clutch (CL05-310) (P/O PL 5.10 Item 1)
20	007N01557	Gear (REP 5.1)
21	006N01300	Clutch shaft (REP 5.1)
22	–	Duplex roll (P/O PL 5.25 Item 1)
23	–	Scan roll (P/O PL 5.25 Item 1)
24	–	Roll bearing (P/O PL 5.25 Item 1)
25	050N00500	Duplex gate (REP 5.1)
26	–	Spring (P/O PL 5.25 Item 1)
27	–	Actuator (P/O PL 5.25 Item 1)
28	–	Actuator (P/O PL 5.25 Item 1)



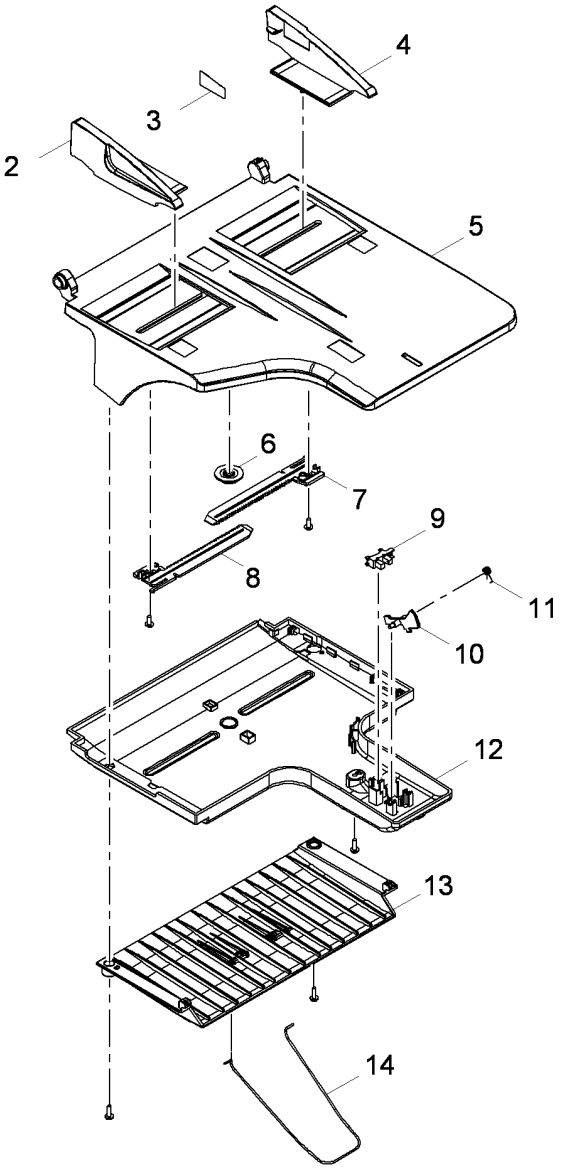
PL 5.30 DADF Assembly (1 of 7) (4250/4260)

Item	Part	Description
1	002N02807	DADF assembly (REP 5.1, ADJ 5.1)
2	–	Top cover assembly (REF: PL 5.40 Item 1)
3	–	Pick-up guide assembly (REF: PL 5.45)
4	–	Transport assembly housing (P/O PL 5.30 Item 26)
5	–	Exit guide assembly (REF: PL 5.45)
6	002N02821	DADF scan motor assembly (REP 5.10)
7	002N02820	DADF duplex motor assembly (MOT05-210) (REP 5.8)
8	121N01178	Pickup clutch (CL05-300) (REP 5.9)
9	005N01085	Registration clutch (CL05-310) (REP 5.9)
10	–	Clutch bracket (P/O PL 5.30 Item 26)
11	–	Input tray assembly (REF: PL 5.32 Item 1)
12	002N02860	Front cover
13	–	Rear cover (P/O PL 5.30 Item 1)
14	–	DADF PWB shield (P/O PL 5.30 Item 1)
15	–	Harness holder (P/O PL 5.30 Item 26)
16	–	Bearing (P/O PL 5.30 Item 26)
17	–	E-clip (Not Spared)
18	–	Clutch gear (P/O PL 5.30 Item 26)
19	–	Clutch shaft (P/O PL 5.30 Item 26)
20	–	Gear (P/O PL 5.30 Item 26)
21	–	One way gear (P/O PL 5.30 Item 26)
22	–	Roll drive gear (P/O PL 5.30 Item 26)
23	–	Platen cover (Not Spared)
24	140N63356	DADF PWB
25	–	Lift solenoid (SOL05-320) (P/O PL 5.30 Item 6)
26	002N02816	Document transport assembly (REP 5.7)
27	152N11768	DADF PWB to registration sensor harness



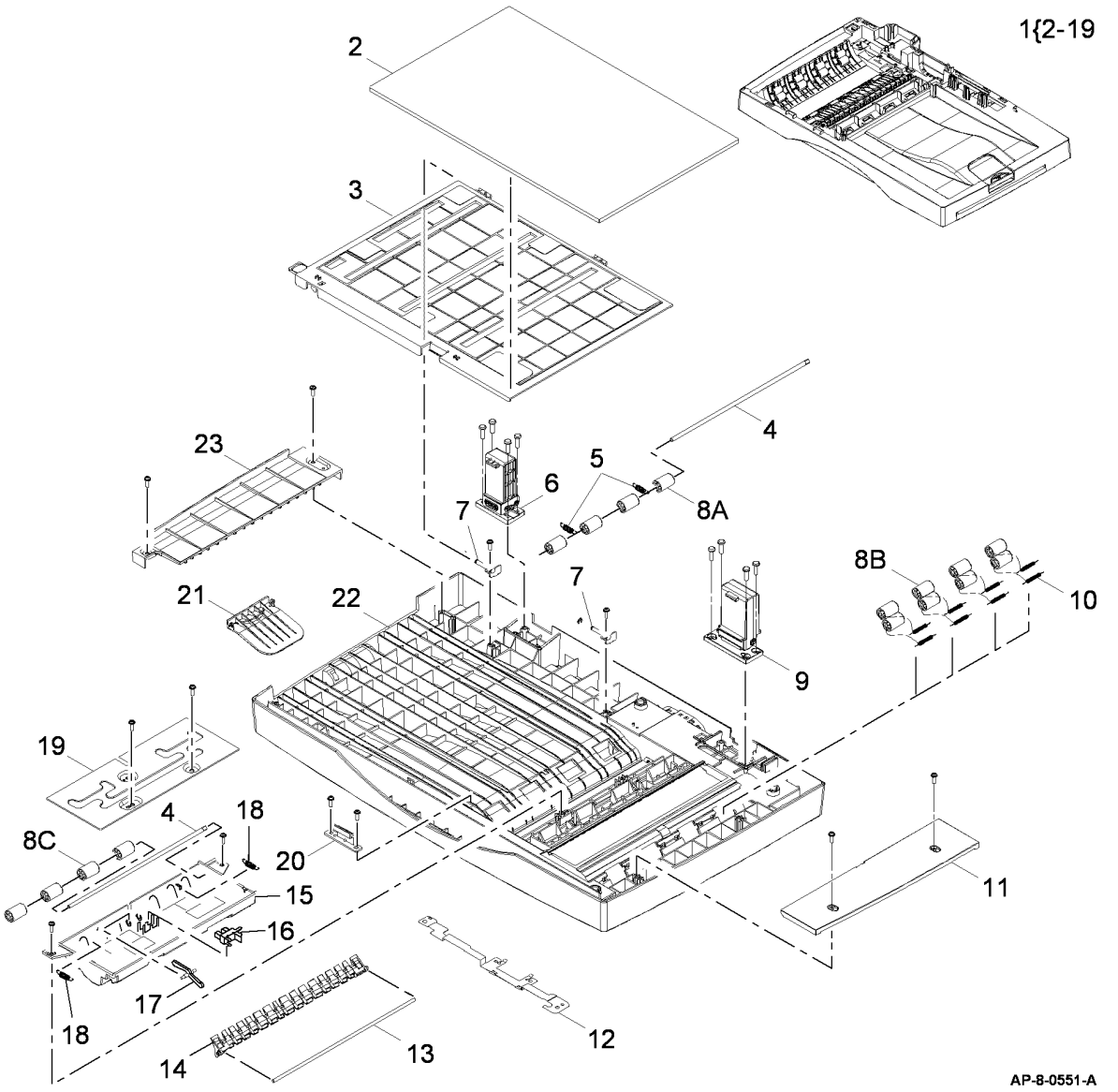
PL 5.32 DADF Assembly (2 of 7) (4250/4260)

Item	Part	Description
1	050N00541	Input tray assembly (Complete) (REP 5.6)
2	–	Document guide front (P/O PL 5.32 Item 1)
3	091N80242	Label
4	–	Document guide rear (P/O PL 5.32 Item 1)
5	–	Top cover (P/O PL 5.32 Item 1)
6	007N01525	Pinion gear
7	–	Rear rack gear (P/O PL 5.32 Item 1)
8	–	Front rack gear (P/O PL 5.32 Item 1)
9	130N01274	Paper length sensor (REP 5.6)
10	–	Actuator (P/O PL 5.32 Item 1)
11	–	Actuator spring (P/O PL 5.32 Item 1)
12	–	Lower cover (P/O PL 5.32 Item 1)
13	–	Stacker guide (P/O PL 5.32 Item 1)
14	–	Stacker wire (P/O PL 5.32 Item 1)



PL 5.35 DADF Assembly (3 of 7) (4250/4260)

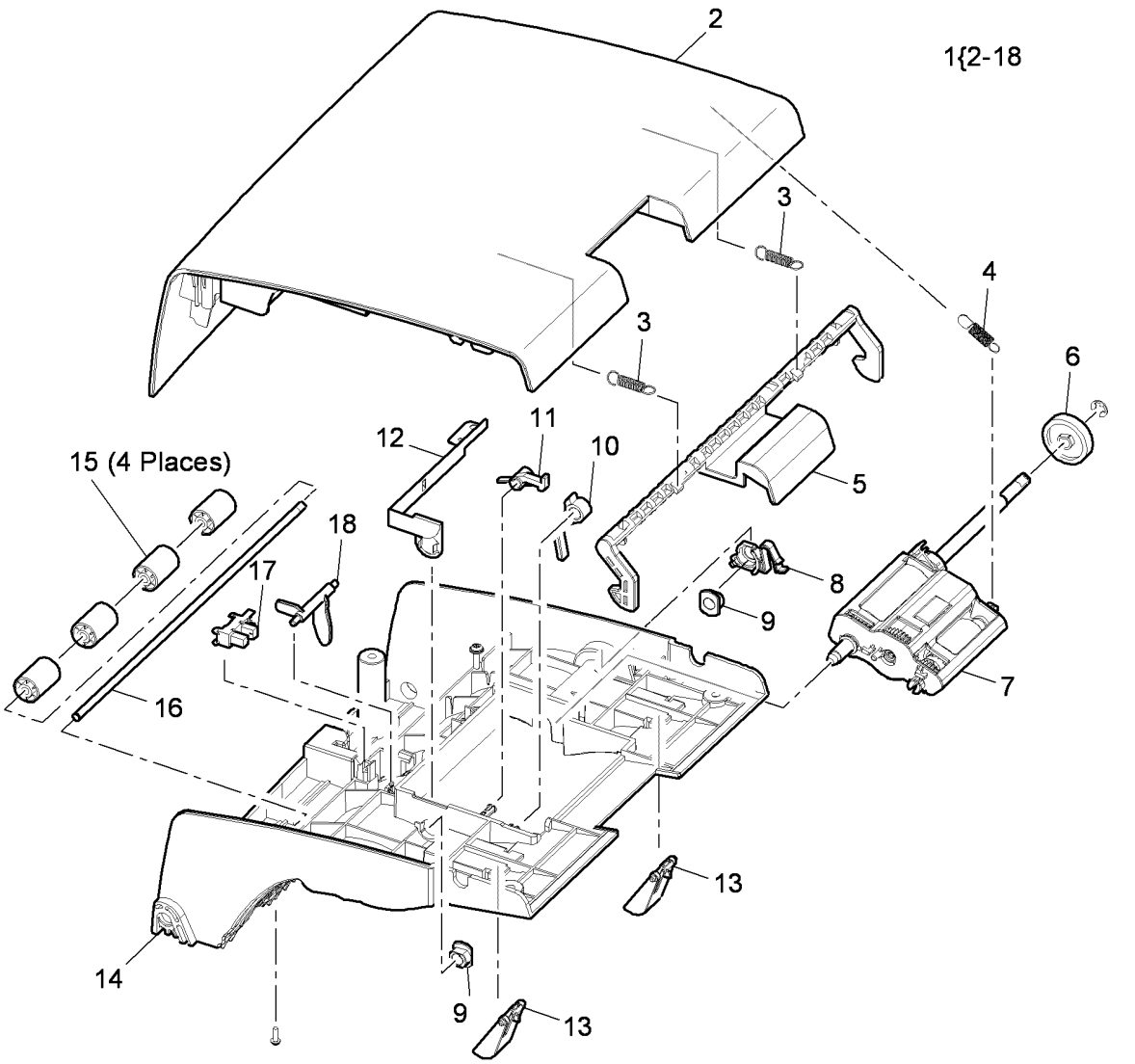
Item	Part	Description
1	–	Platen cover assembly (P/O PL 5.30 Item 1)
2	095N00380	Document pad
3	002N02866	Lower inverter tray
4	–	Idler shaft (P/O PL 5.35 Item 1)
5	–	Idler spring (P/O PL 5.35 Item 1)
6	003N01046	Left counterbalance
7	–	Jam clearance cover bracket (P/O PL 5.35 Item 1)
8	–	Gate roll idler (8A), CVT roll lower idler (8B), Lower exit roll idler (8C) (P/O PL 5.35 Item 1)
9	003N01047	Right counterbalance
10	–	Spring (P/O PL 5.35 Item 1)
11	–	Right platen cover (P/O PL 5.35 Item 1)
12	–	Ground strip (P/O PL 5.35 Item 1)
13	–	Reverse guide shaft (P/O PL 5.35 Item 1)
14	–	Reverse guide (P/O PL 5.35 Item 1)
15	–	Jam clearance guide housing (P/O PL 5.35 Item 1)
16	130N01274	R stack sensor
17	–	R stack sensor actuator (P/O PL 5.35 Item 1)
18	–	Spring (P/O PL 5.35 Item 1)
19	–	Jam clearance guide cover (P/O PL 5.35 Item 1)
20	–	Handle (P/O PL 5.35 Item 1)
21	090N00167	Guide extension
22	–	Platen cover housing (P/O PL 5.35 Item 1)
23	–	Left platen cover (P/O PL 5.35 Item 1)



PL 5.40 DADF Assembly (4 of 7) (4250/4260)

Item	Part	Description
1	002N02817	Top cover assembly
2	002N02863	Top cover
3	–	Release latch spring (P/O PL 5.40 Item 1)
4	–	Pickup assembly spring (P/O PL 5.40 Item 1)
5	–	Release latch (P/O PL 5.40 Item 1)
6	–	Gear (P/O PL 5.40 Item 1)
7	130N01551	Feed roll assembly (See Note)
8	–	Retaining clip (P/O PL 5.40 Item 1)
9	–	Bearing (P/O PL 5.40 Item 1)
10	–	Feed gate (P/O PL 5.40 Item 1)
11	–	Link arm (P/O PL 5.40 Item 1)
12	–	Ground strip (P/O PL 5.40 Item 1)
13	–	Guide flap (P/O PL 5.40 Item 1)
14	–	Top cover assembly housing (P/O PL 5.40 Item 1)
15	–	CVT roll upper idler (P/O PL 5.40 Item 1)
16	–	Feed idler shaft (P/O PL 5.40 Item 1)
17	130N01274	Registration sensor (Q05-130)
18	–	Registration sensor actuator (P/O PL 5.40 Item 1)

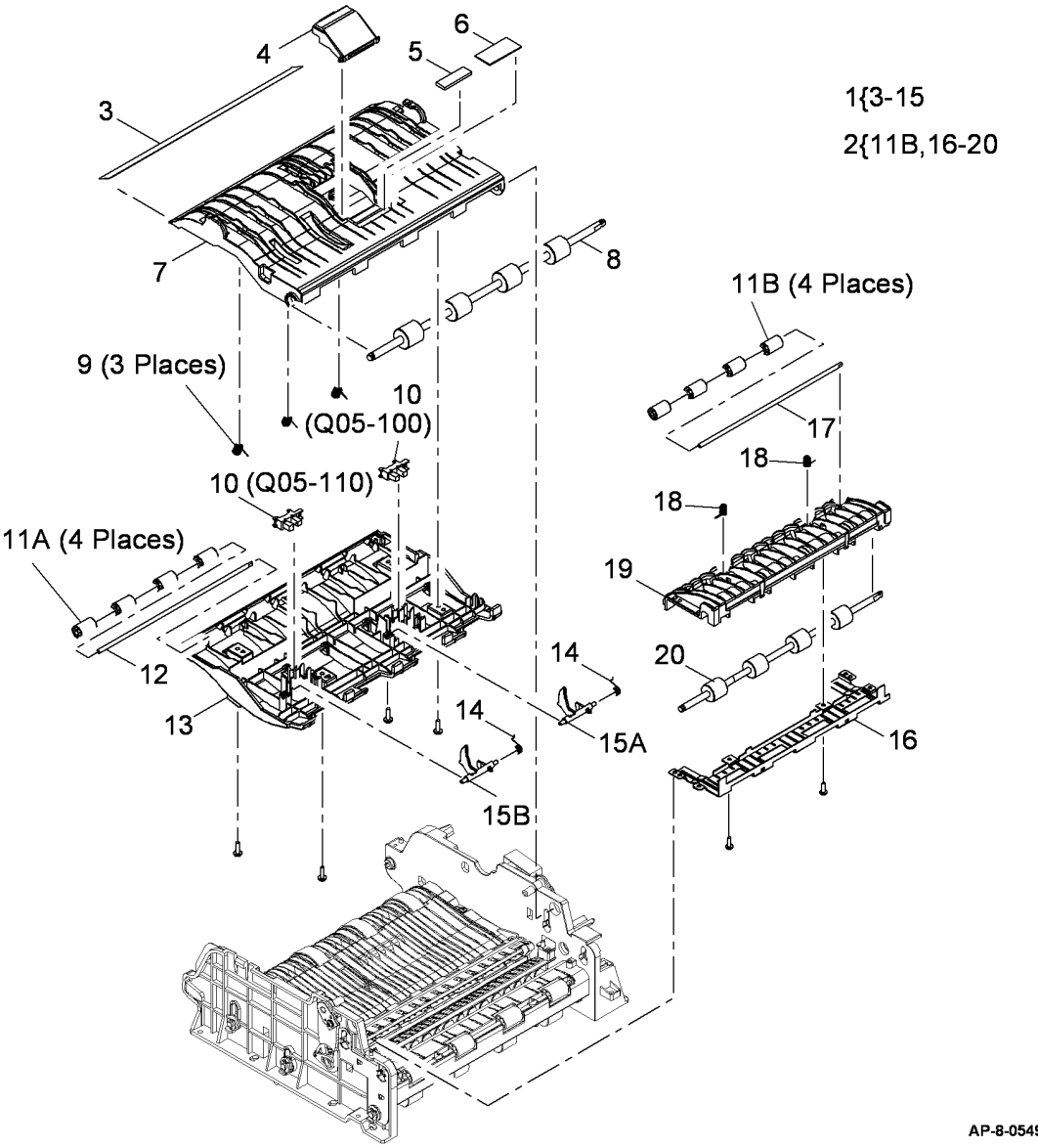
NOTE: *HFSI. To reset the HFSI count, go to GP 16.*



PL 5.45 DADF Assembly (5 of 7) (4250/4260)

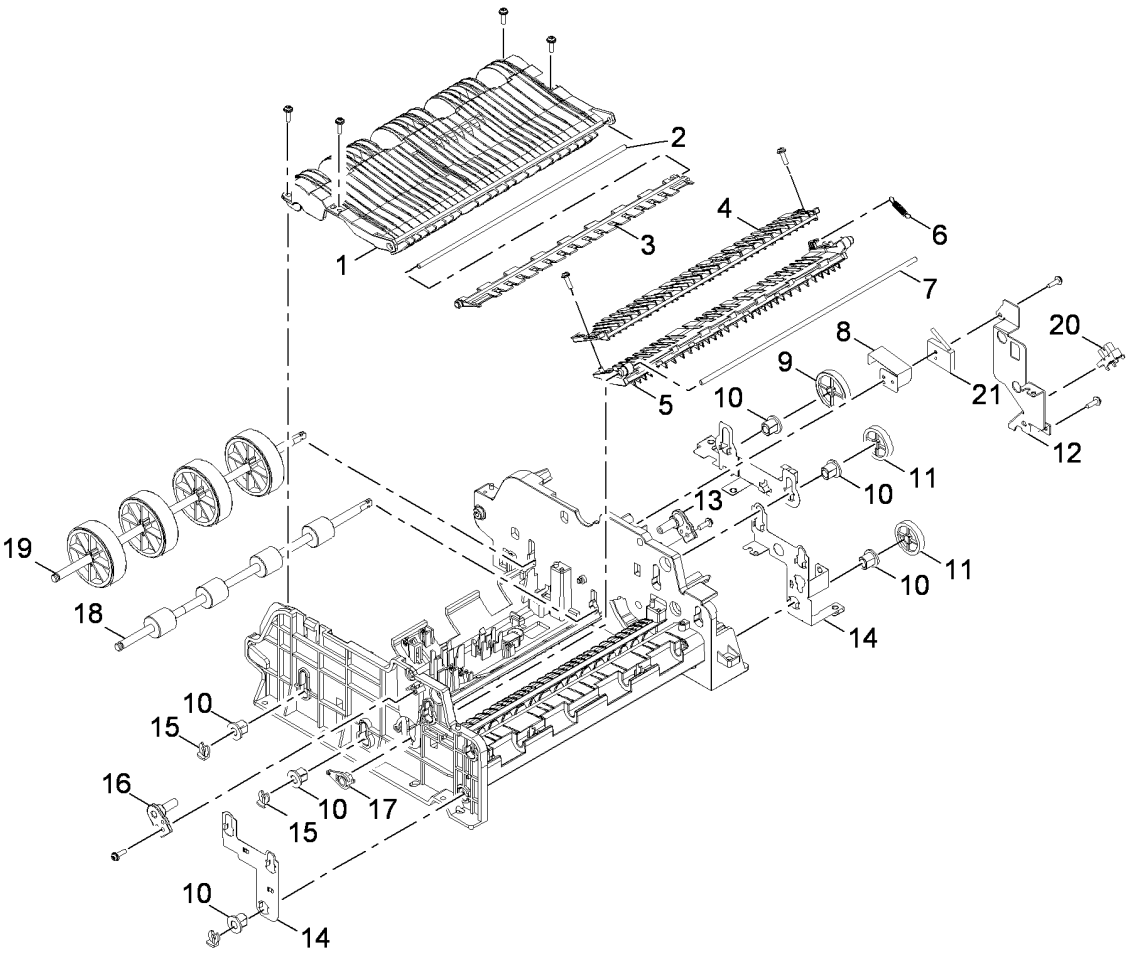
Item	Part	Description
1	–	Pickup guide assembly (P/O PL 5.30 Item 26) (REP 5.12)
2	–	Exit guide assembly (P/O PL 5.30 Item 26)
3	–	Guide (P/O PL 5.30 Item 26)
4	002N02819	Retard pad (See Note)
5	–	Sponge pad (P/O PL 5.45 Item 4)
6	–	Rubber pad (P/O PL 5.45 Item 4)
7	–	Pickup guide upper housing (P/O PL 5.30 Item 26)
8	–	Duplex roll (P/O PL 5.30 Item 26)
9	–	Feed idler spring (P/O PL 5.30 Item 26)
10	130N01274	Document detect sensor (Q05-100), Paper width sensor (Q05-110) (REP 5.12)
11	–	Transport idler (11A), Duplex roll idler (11A) (P/O PL 5.30 Item 26)
12	–	Idler shaft (P/O PL 5.30 Item 26)
13	–	Pickup guide lower housing (P/O PL 5.30 Item 26)
14	–	Actuator spring (P/O PL 5.30 Item 26)
15	–	Document detect sensor actuator (15A), Paper width sensor actuator (15B) (P/O PL 5.30 Item 26)
16	–	Exit guide lower housing (P/O PL 5.30 Item 26)
17	–	Idler shaft (P/O PL 5.30 Item 26)
18	–	Feed idler spring (P/O PL 5.30 Item 26)
19	–	Exit guide upper housing (P/O PL 5.30 Item 26)
20	–	Upper exit roll (P/O PL 5.30 Item 26)

NOTE: *HFSI. To reset the HFSI count, go to GP 16.*



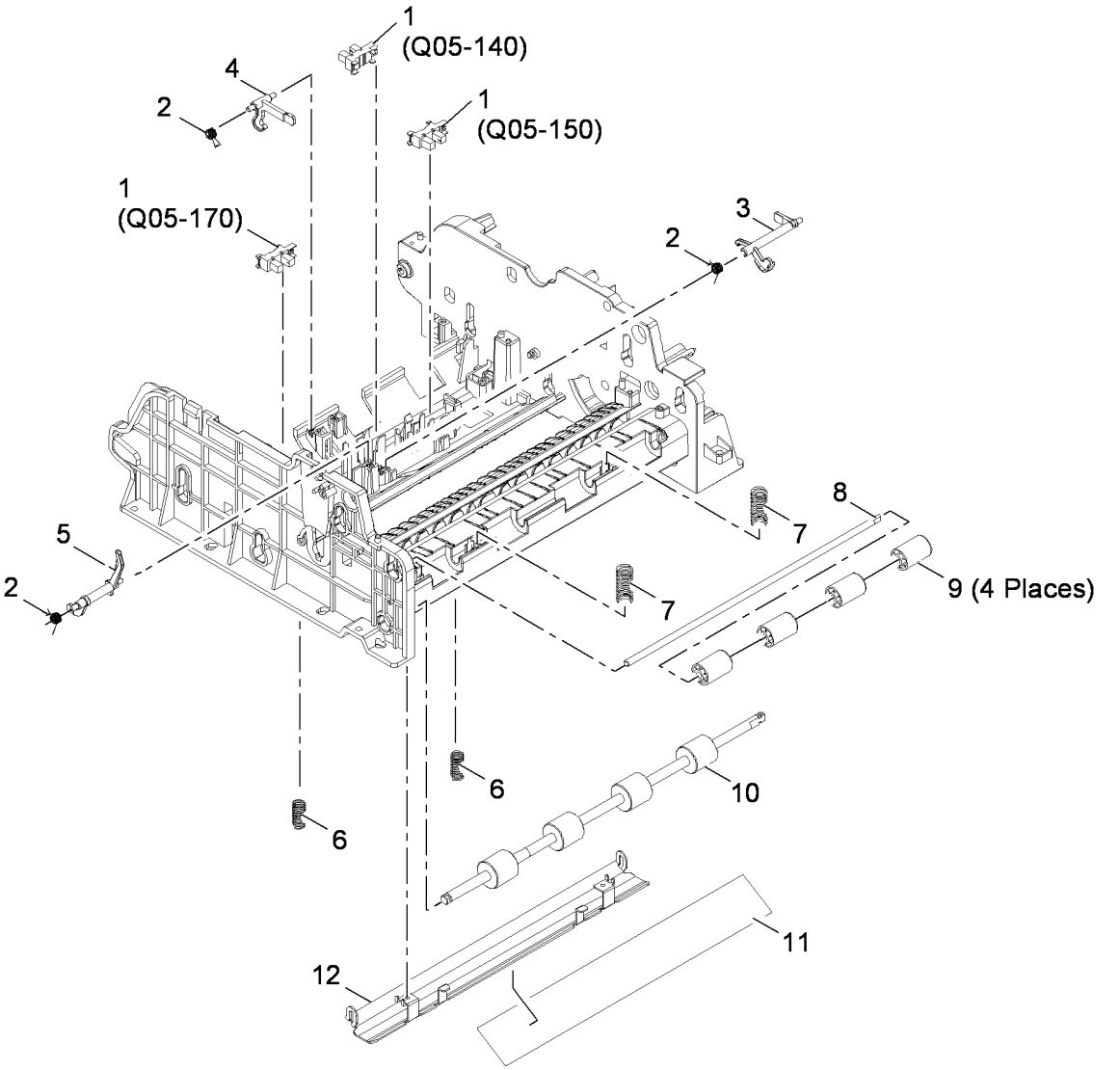
PL 5.50 DADF Assembly (6 of 7) (4250/4260)

Item	Part	Description
1	–	Lower guide (P/O PL 5.30 Item 26)
2	–	Diverter shaft (P/O PL 5.30 Item 26)
3	–	Diverter (P/O PL 5.30 Item 26)
4	–	Upper separation gate (P/O PL 5.30 Item 26)
5	–	Lower separation gate (P/O PL 5.30 Item 26)
6	–	Spring (P/O PL 5.30 Item 26)
7	–	Separation guide shaft (P/O PL 5.30 Item 26)
8	–	Switch actuator (P/O PL 5.30 Item 26)
9	–	Gear (P/O PL 5.30 Item 26)
10	–	Bearing (P/O PL 5.30 Item 26)
11	–	Gear (P/O PL 5.30 Item 26)
12	–	Ground bracket (P/O PL 5.30 Item 26)
13	–	Rear stop (P/O PL 5.30 Item 26)
14	–	Ground strip (P/O PL 5.30 Item 26)
15	–	E-clip (Not Spared)
16	–	Front stop (P/O PL 5.30 Item 26)
17	–	Front separation guide bearing (P/O PL 5.30 Item 26)
18	–	Gate roll (P/O PL 5.30 Item 26)
19	–	CVT roll (P/O PL 5.30 Item 26)
20	130N01274	Gate HP sensor (REP 5.11)
21	–	Door open switch (S05-160) (P/O PL 5.30 Item 26)



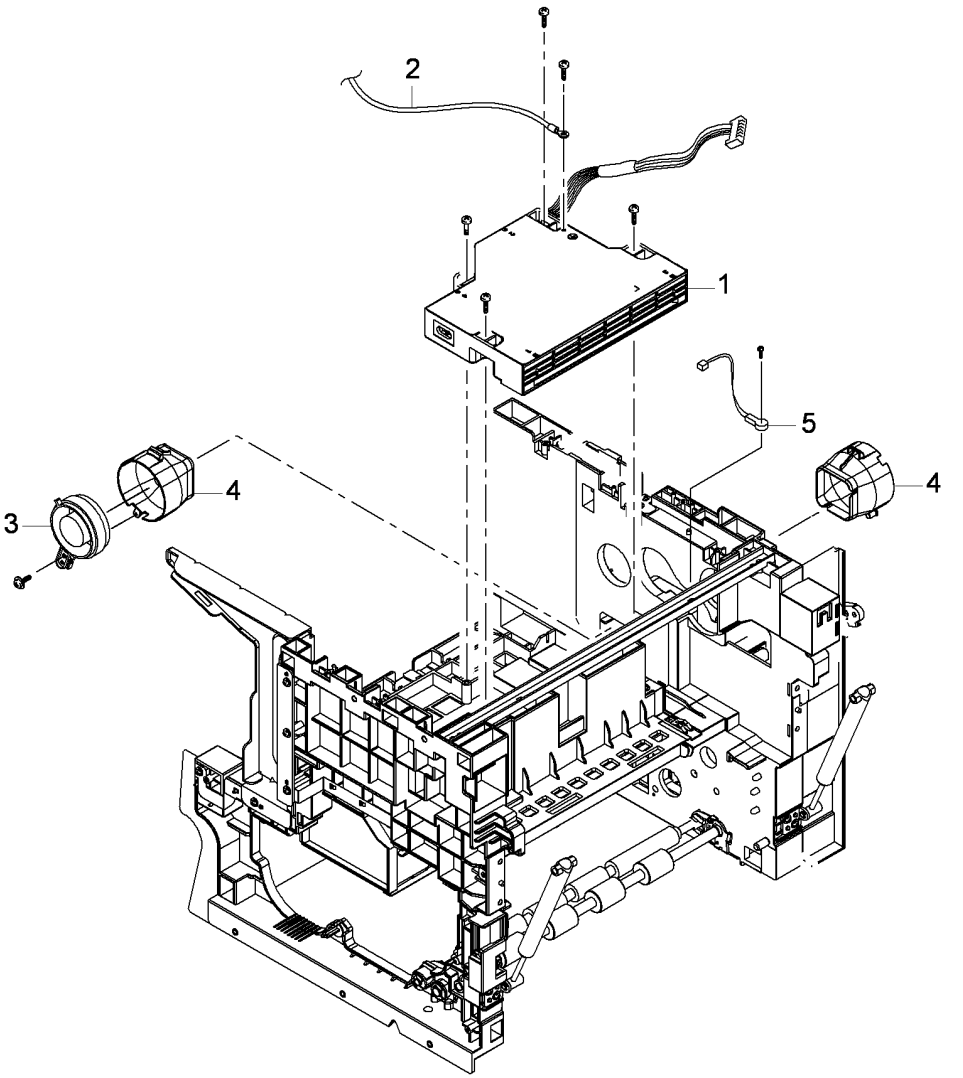
PL 5.55 DADF Assembly (7 of 7) (4250/4260)

Item	Part	Description
1	130N01274	Duplex sensor (Q05-170), Scan sensor (Q05-140), Gate sensor (Q05-150) (REP 5.13)
2	–	Actuator spring (P/O PL 5.30 Item 26)
3	–	Gate sensor actuator (P/O PL 5.30 Item 26)
4	–	Scan sensor actuator (P/O PL 5.30 Item 26)
5	–	Duplex sensor actuator (P/O PL 5.30 Item 26)
6	–	Exit roll spring (P/O PL 5.30 Item 26)
7	–	Exit idler spring (P/O PL 5.30 Item 26)
8	–	Exit idler shaft (P/O PL 5.30 Item 26)
9	–	Upper exit roll idler (P/O PL 5.30 Item 26)
10	–	Lower exit roll (P/O PL 5.30 Item 26)
11	–	Cover (P/O PL 5.30 Item 26)
12	–	Strip (P/O PL 5.30 Item 26)



PL 6.10 LSU

Item	Part	Description
1	062N00271	LSU (4150/4250) (REP 6.1)
–	122N00281	LSU (4260) (REP 6.1)
2	–	Ground harness (Not Spared)
3	127N07486	LSU fan (REP 6.2)
4	–	LSU fan duct (Not Spared)
5	130N01531	LSU thermistor (4250/4260)



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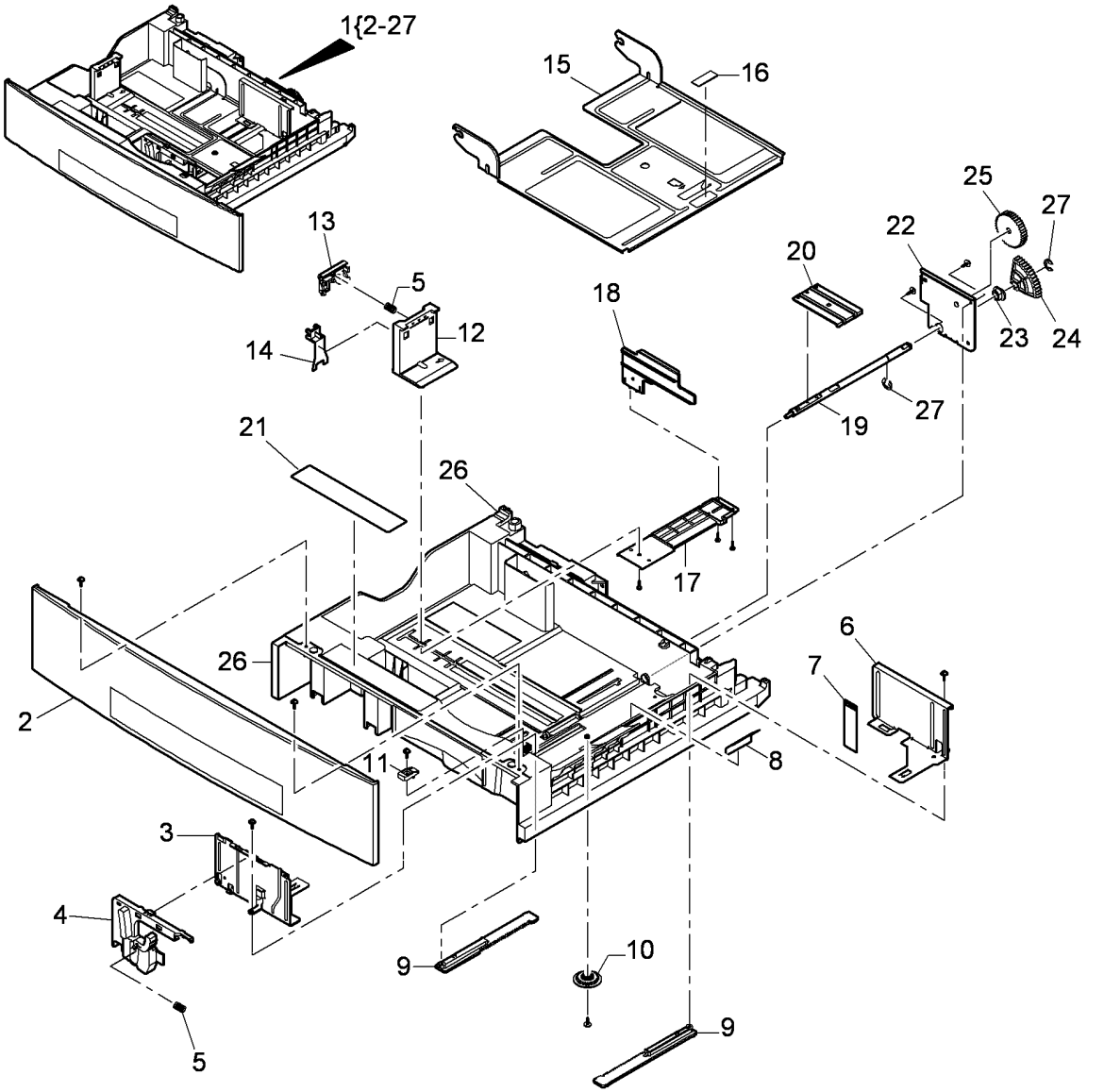
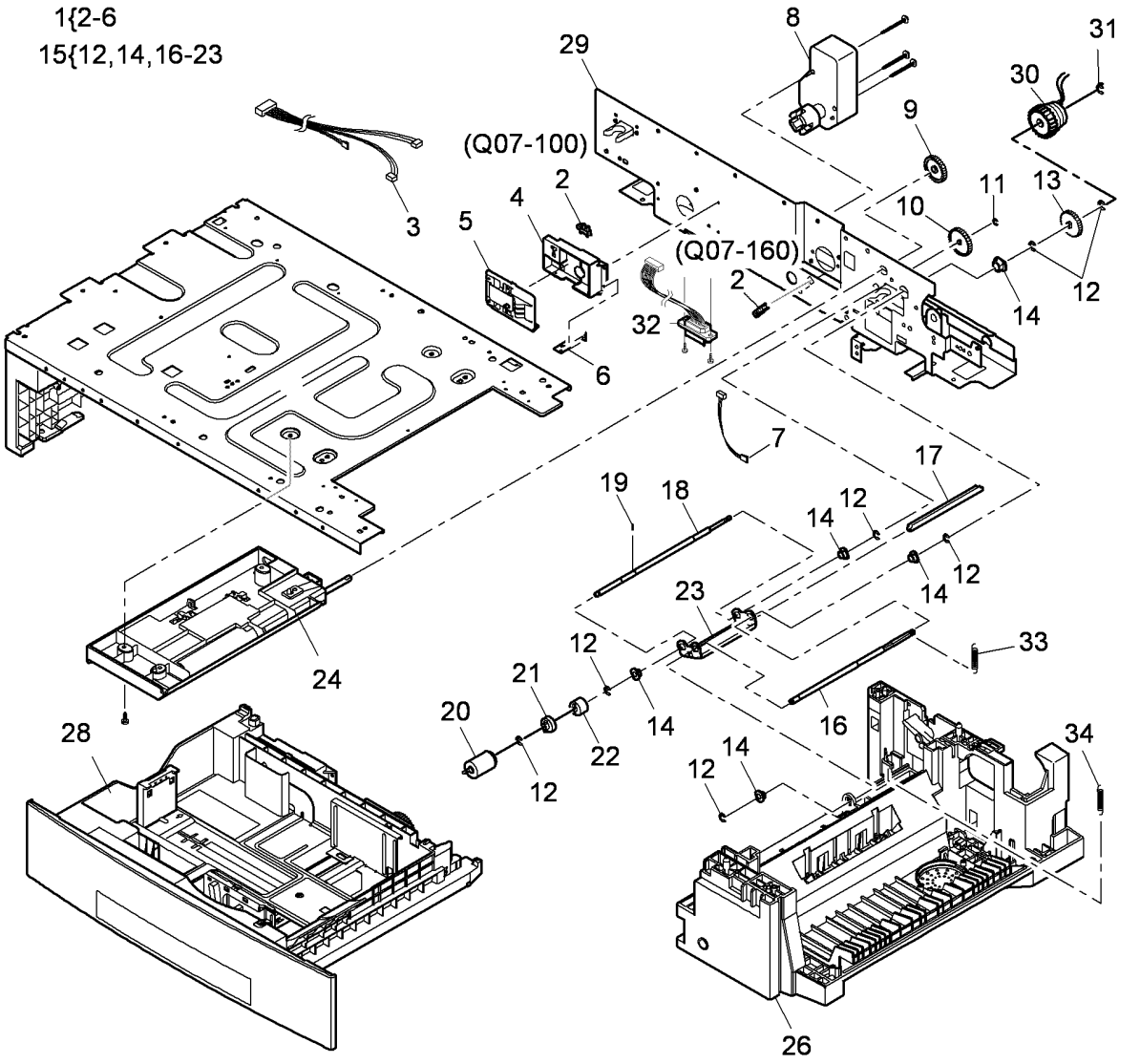
PL 7.10 Tray 1 - 4 Cassette Assembly

Item	Part	Description
1	050N00488	Cassette assembly
2	–	Cassette cover (P/O PL 7.10 Item 1)
3	038N00495	Left side paper guide
4	003N01005	Latch
5	009N01615	Latch spring
6	–	Right side paper guide (P/O PL 7.10 Item 1)
7	091N80243	MAX fill label
8	038N00496	Paper guide
9	–	Rack gear (P/O PL 7.10 Item 1)
10	007N01526	Pinion gear 24T
11	–	Knock-up plate stopper (P/O PL 7.10 Item 1)
12	032N00475	Rear paper guide
13	003N01011	Latch lever
14	032N00476	Latch
15	–	Knock-up plate (P/O PL 7.10 Item 1)
16	019N00796	Pad
17	095N00381	Actuator arm
18	–	Paper size actuator (P/O PL 7.10 Item 1)
19	–	Shaft (P/O PL 7.10 Item 1)
20	–	Lever (P/O PL 7.10 Item 1)
21	091N80244	Paper loading label
22	–	Bracket (P/O PL 7.10 Item 1)
23	–	Bush (P/O PL 7.10 Item 1)
24	007N01527	Elevator gear
25	007N01528	Drive gear
26	–	Casette frame (P/O PL 7.10 Item 1)
27	–	E-Clip (Not Spared)



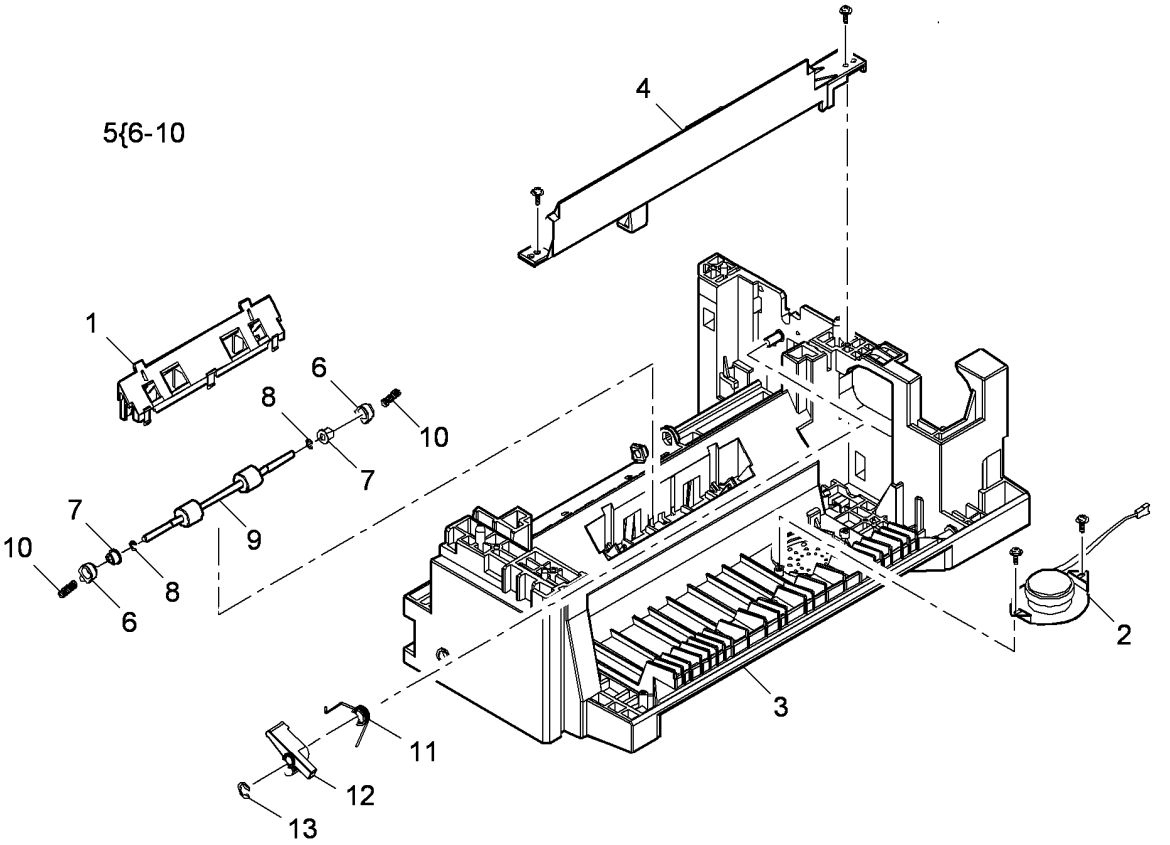
PL 7.15 Tray 1 Frame Assembly (1 of 2)

Item	Part	Description
1	130N01460	Paper size detect assembly (4150) (REP 7.3)
–	130N01560	Paper size detect assembly (4250/4260) (REP 7.3)
2	130N01274	Tray 1 home position sensor (Q07-100), Tray 1 paper low sensor (Q07-160)
3	–	Harness (P/O PL 7.15 Item 1)
4	–	Housing (P/O PL 7.15 Item 1)
5	130N01461	Paper size detect PWB (4150) (REP 7.3)
–	140N63404	Paper size detect PWB (4250/4260) (REP 7.3)
6	–	Grounding strip (P/O PL 7.15 Item 1)
7	–	Sensor harness (Not Spared)
8	127N07488	Tray 1 elevating motor (MOT04-510)
9	–	Tray 1 feed gear (Not Spared)
10	–	Retard roll gear (Not Spared)
11	–	E-Clip (Not Spared)
12	–	E-Clip (Not Spared)
13	007N01498	Pick-up gear
14	–	Bearing (P/O PL 7.15 Item 15)
15	022N02230	Retard assembly
16	–	Drive shaft (P/O PL 7.15 Item 15)
17	–	Actuator (P/O PL 7.15 Item 15)
18	006N01299	Retard shaft
19	006N01293	Pin
20	022N02232	Retard roll assembly
21	022N02231	Drive dog coupling
22	017N00259	Drive dog
23	–	Retard bracket (P/O PL 7.15 Item 15)
24	–	Tray feed assembly (REF: PL 8.10 Item 1)
25	–	Not used
26	–	Right hand base (REF: PL 7.17) (Not Spared)
27	–	Not used
28	–	Casette (REF: PL 7.10)
29	–	Rear panel (Not Spared)
30	005N01085	Pick-up clutch (CL08-810)
31	–	K-L Clip (Not Spared)
32	152N11765	Tray connector (4250/4260)
33	009N01596	Spring
34	–	Feed assembly spring (REF: PL 8.10 Item 16)



PL 7.17 Tray 1 Frame Assembly (2 of 2)

Item	Part	Description
1	038N00502	Guide (REP 8.7)
2	130N01213	Speaker (4150) (REP 8.4)
–	130N01550	Speaker (4250/4260) (REP 8.4)
3	–	Right hand base (Not Spared)
4	–	Guide (Not Spared)
5	022N02279	Transport roll idler assembly (REP 8.7)
6	–	Spring holder (P/O PL 7.17 Item 5)
7	–	Bearing (P/O PL 7.17 Item 5)
8	–	E-clip (Not Spared)
9	–	Transport roll idler (P/O PL 7.17 Item 5)
10	–	Spring (P/O PL 7.17 Item 5)
11	–	Spring (Not Spared)
12	–	Feedhead link arm (Not Spared)
13	–	E-clip (Not Spared)



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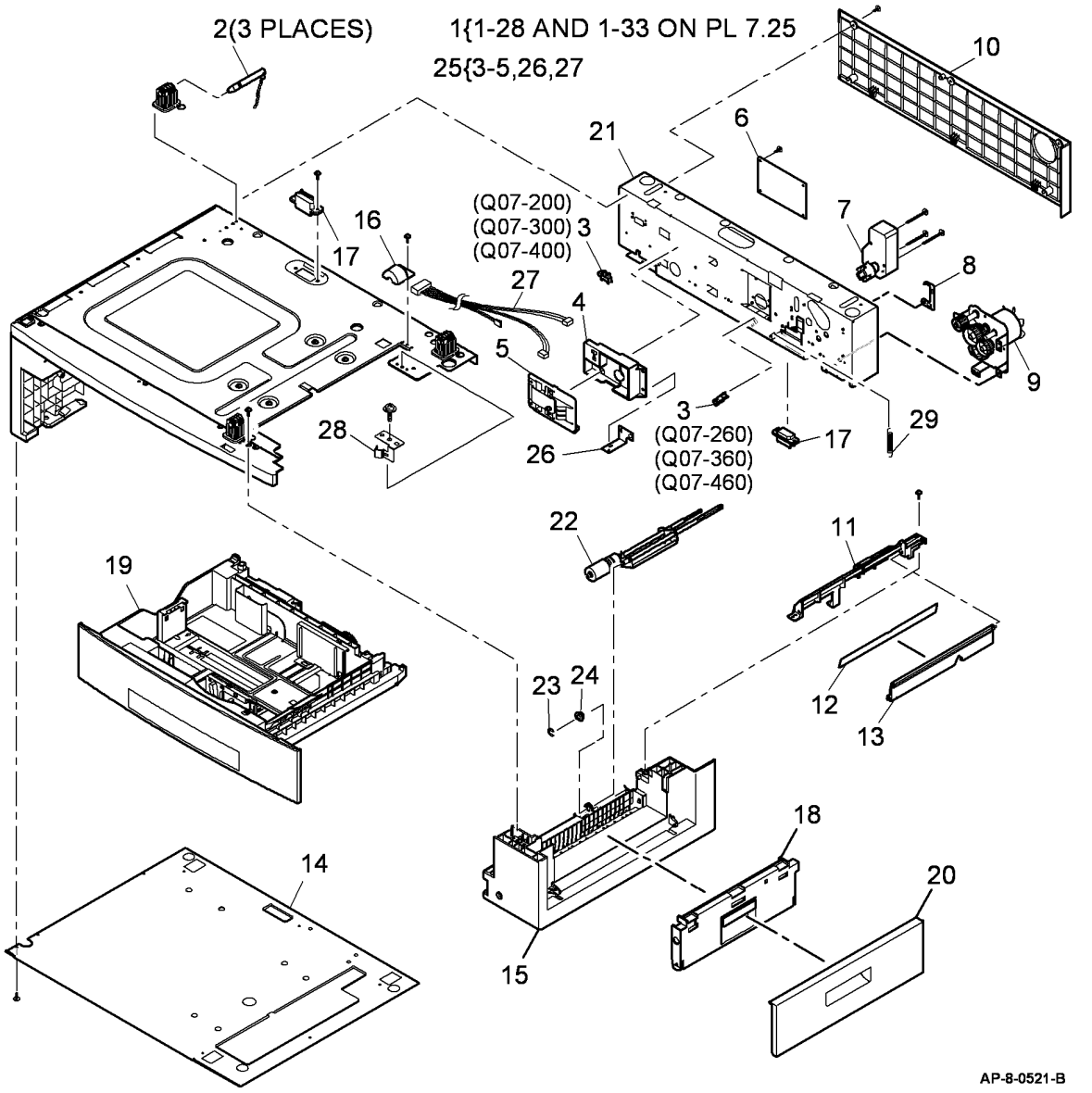
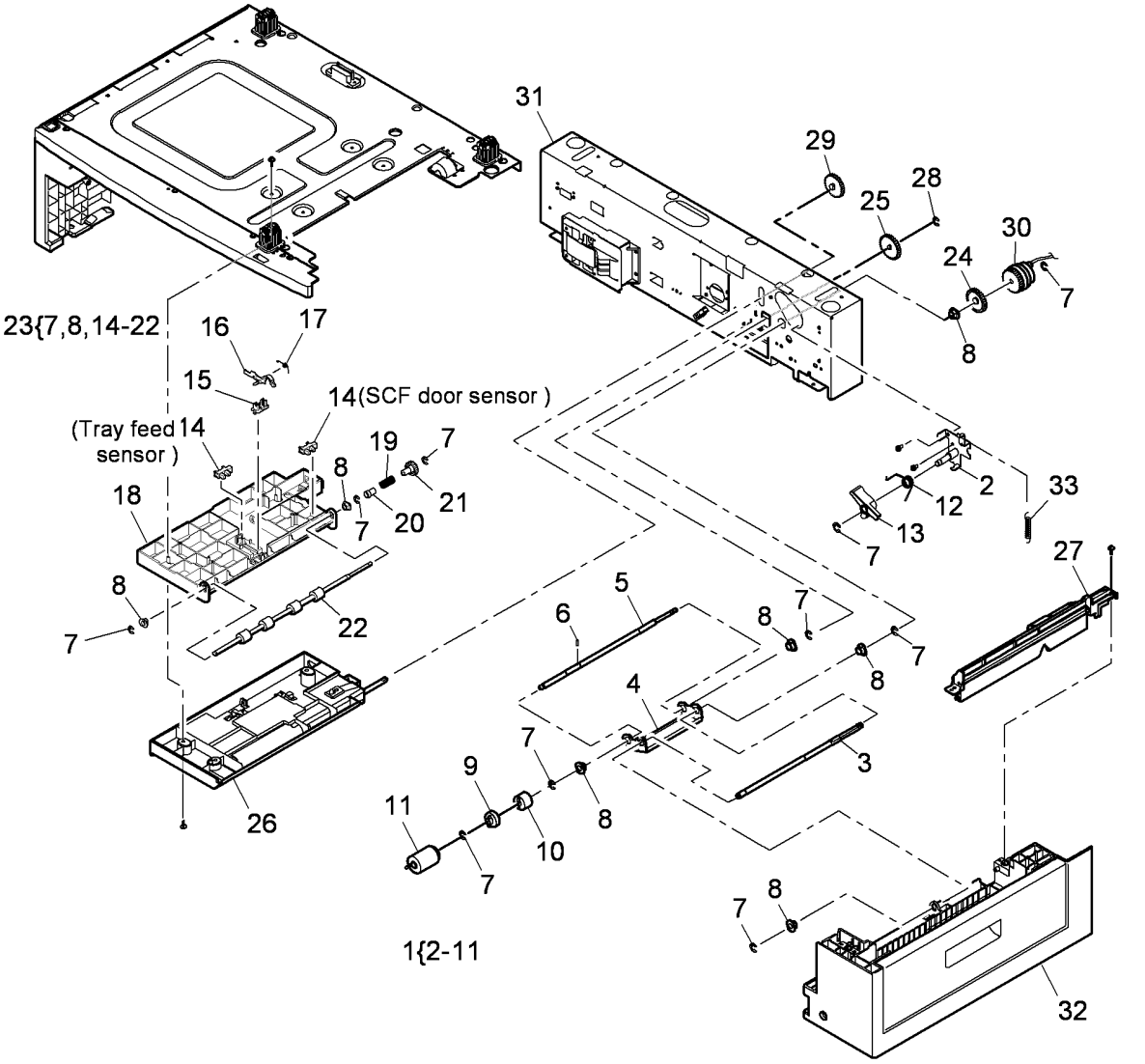
PL 7.20 Trays 2 - 4 Frame Assembly (1 of 2)

Item	Part	Description
1	062N00283	Tray assembly
2	–	Locking pin (P/O PL 7.20 Item 1)
3	130N01274	Tray home position sensor (Q07-200 tray 2), (Q07-300 tray 3), (Q07-400 tray 4). Paper low sensor (Q07-260 tray 2), (Q07-360 tray 3), (Q07-460 tray 4)
4	–	Housing (P/O PL 7.20 Item 1)
5	130N01461	Paper size detect PWB (REP 7.4)
6	140N63148	Tray PWB
7	127N07488	Tray elevating motor (MOT04-520 tray 2), (MOT04-530 tray 3), (MOT04-540 tray 4)
8	–	Ground strip (P/O PL 7.20 Item 1)
9	023N01160	Feed motor assembly
10	–	Rear cover (P/O PL 7.20 Item 1)
11	–	Retard assembly cover (P/O PL 7.20 Item 1)
12	032N00477	Mylar strip
13	–	Paper guide (P/O PL 7.20 Item 1)
14	–	Base cover (P/O PL 7.20 Item 1)
15	–	Right hand base (P/O PL 7.20 Item 1)
16	–	Gear cover (P/O PL 7.20 Item 1)
17	152N11714	Tray connector
18	002N02579	Access door assembly
19	–	Cassette (REF: PL 7.10)
20	–	Cover door (P/O PL 7.20 Item 1)
21	–	Rear panel (P/O PL 7.20 Item 1)
22	–	Retard assembly (REF: PL 7.25 Item 1)
23	–	E-Clip (Not Spared)
24	–	Bearing (P/O PL 7.20 Item 1)
25	130N01464	Paper size detect assembly (REP 7.3)
26	–	Grounding strip (P/O PL 7.20 Item 1)
27	–	Harness (P/O PL 7.20 Item 1)
28	002N02580	Grounding strip
29	–	Feed assembly spring (REF: PL 8.10 Item 16)



PL 7.25 Trays 2 - 4 Frame Assembly (2 of 2)

Item	Part	Description
1	022N02230	Retard assembly
2	–	Link arm bracket (P/O PL 7.20 Item 1)
3	–	Drive shaft (P/O PL 7.20 Item 1)
4	–	Retard bracket (P/O PL 7.20 Item 1)
5	–	Retard shaft (P/O PL 7.20 Item 1)
6	006N01293	Pin
7	–	E-Clip (Not Spared)
8	–	Bearing (P/O PL 7.20 Item 1)
9	022N02231	Drive dog Coupling
10	017N00259	Drive dog
11	022N02232	Roll assembly (See Note 2)
12	–	Spring (P/O PL 7.20 Item 1)
13	–	Feed head link arm (P/O PL 7.20 Item 1)
14	130N01274	Tray feed sensor, SCF door sensor (See Note 1)
15	–	Cradle (P/O PL 7.20 Item 1)
16	–	Actuator (P/O PL 7.20 Item 1)
17	–	Spring (P/O PL 7.20 Item 1)
18	–	Paper transport housing (P/O PL 7.20 Item 1)
19	009N01605	Spring Clutch
20	–	Bush holder (P/O PL 7.20 Item 1)
21	007N01529	Gear
22	–	Transport roll (P/O PL 7.20 Item 1)
23	–	Paper transport (P/O PL 7.20 Item 1)
24	007N01498	Gear, retard assembly
25	007N01532	Gear, paper transport assembly
26	–	Tray feed assembly (REF: PL 8.10)
27	–	Paper guide assembly (P/O PL 7.20 Item 1)
28	–	E-Clip (Not Spared)
29	007N01531	Gear, tray feeder assembly
30	005N01085	Tray pickup clutch (Tray 2 CL08-820), (Tray 3 CL08-830), (Tray 4 CL08-840)
31	–	Rear frame (P/O PL 7.20 Item 1)
32	–	R/H base (P/O PL 7.20 Item 1)
33	009N01596	Spring



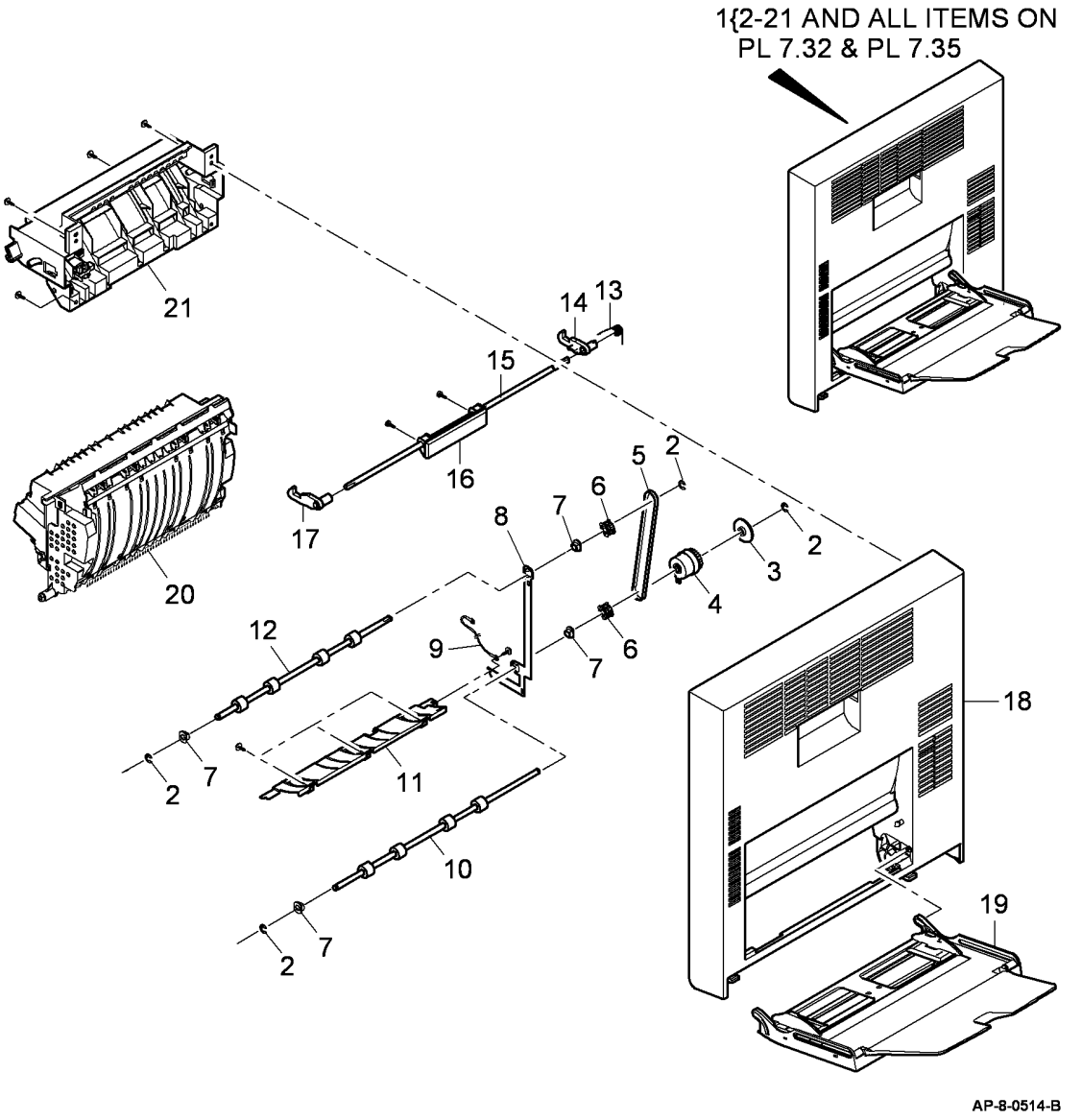
AP-8-0518-C

NOTE: *1. The tray feed sensor and the SCF door sensor component control codes are common, (Tray 2 Q08-200), (Tray 3 Q08-300), (Tray 4 Q08-400).*

NOTE: *2. HFSI. To reset the HFSI count, go to GP 16.*

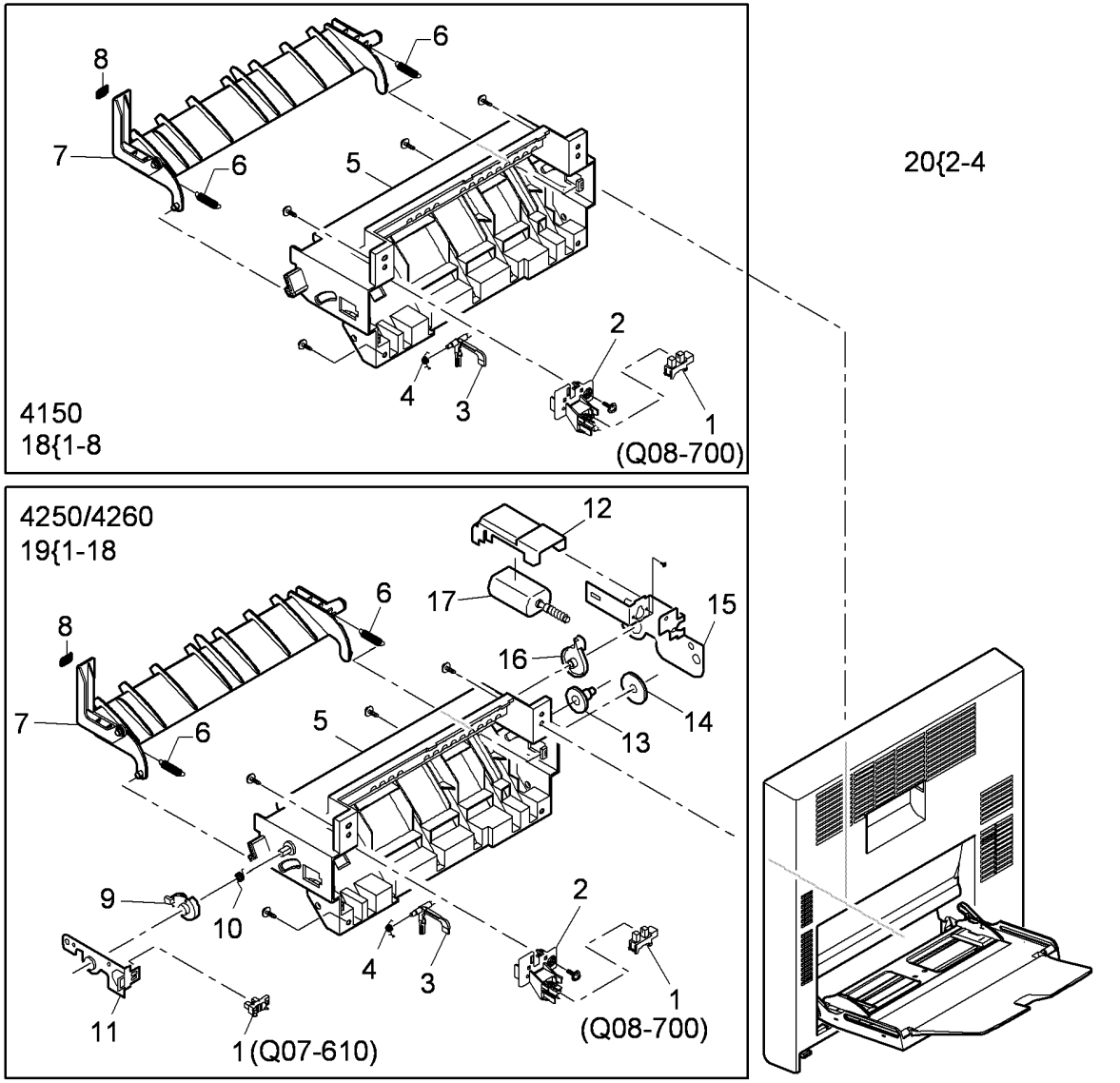
PL 7.30 Side Cover Assembly (1 of 3)

Item	Part	Description
1	002N02561	Side cover assembly (4150) (REP 8.1)
–	002N02875	Side cover assembly (4250/4260) (REP 8.1)
2	–	E-Clip (Not Spared)
3	–	Collar (P/O PL 7.30 Item 1)
4	005N01088	Duplex feed clutch (CL08-860) (4150)
–	005N01116	Duplex feed clutch (CL08-860) (4250/4260)
5	007N01530	Belt
6	020N00829	Duplex pulley
7	–	Bearing (P/O PL 7.30 Item 1)
8	–	Ground strip (P/O PL 7.30 Item 1)
9	–	Ground harness (P/O PL 7.30 Item 1)
10	022N02274	Duplex feed roll 2
11	–	Duplex guide (P/O PL 7.30 Item 1)
12	022N02275	Duplex feed roll 1
13	009N01366	Latch spring
14	003N01017	Rear latch
15	–	Shaft (P/O PL 7.30 Item 1)
16	–	Handle (P/O PL 7.30 Item 1)
17	003N01016	Latch front
18	–	Side cover (P/O PL 7.30 Item 1)
19	–	Bypass tray (REF: PL 7.40 Item 1)
20	–	Duplex assembly (REF: PL 7.35 Item 1)
21	–	Duplex side guide assembly (REF: PL 7.32 Item 18, PL 7.32 Item 19)



PL 7.32 Side Cover Assembly (2 of 3)

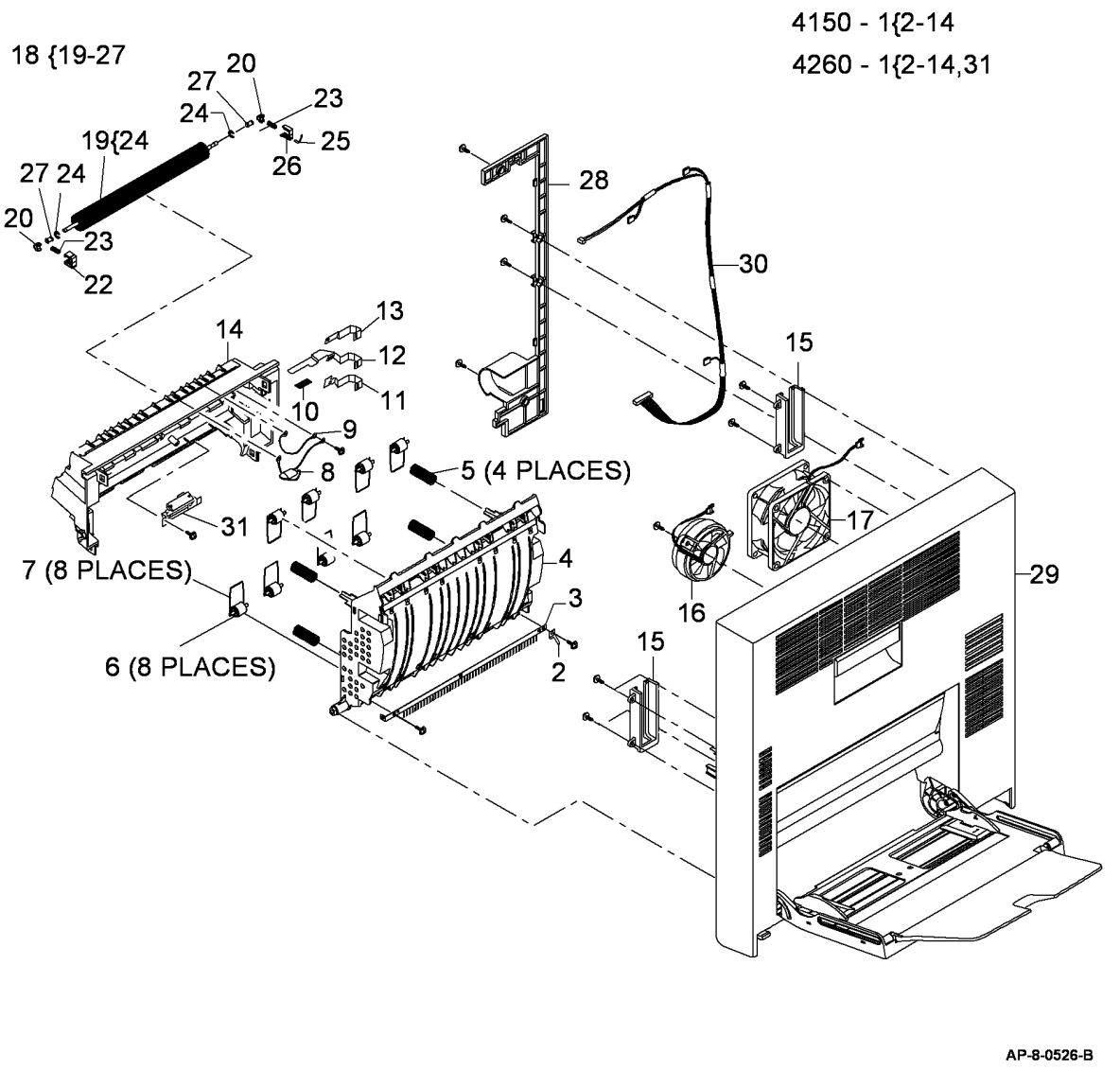
Item	Part	Description
1	130N01274	Duplex jam 1 sensor (Q08-700), Envelope sensor (Q07-610)
2	120N00528	Sensor holder
3	–	Duplex jam 1 sensor actuator (P/O PL 7.32 Item 20)
4	009N01597	Spring
5	–	Duplex side guide (P/O PL 7.32 Item 18, PL 7.32 Item 19)
6	009N01598	Spring
7	–	Duplex exit guide (P/O PL 7.32 Item 18, PL 7.32 Item 19)
8	–	Label (P/O PL 7.32 Item 18, PL 7.32 Item 19)
9	–	Front cam (P/O PL 7.32 Item 19) (4250/4260)
10	–	Spring (P/O PL 7.32 Item 19) (4250/4260)
11	–	Front bracket (P/O PL 7.32 Item 19) (4250/4260)
12	–	Fuser release motor cover (P/O PL 7.32 Item 19) (4250/4260)
13	–	Drive gear (P/O PL 7.32 Item 19) (4250/4260)
14	–	Transfer gear (P/O PL 7.32 Item 19)
15	–	Rear bracket (P/O PL 7.32 Item 19) (4250/4260)
16	–	Rear cam (P/O PL 7.32 Item 19) (4250/4260)
17	–	Envelope motor (MOT07-600) (P/O PL 7.32 Item 19) (4250/4260)
18	–	Duplex side guide assembly (P/O PL 7.30 Item 1) (4150)
19	–	Duplex side guide assembly (P/O PL 7.30 Item 1) (4250/4260)
20	120N00500	Actuator assembly



PL 7.35 Side Cover Assembly (3 of 3)

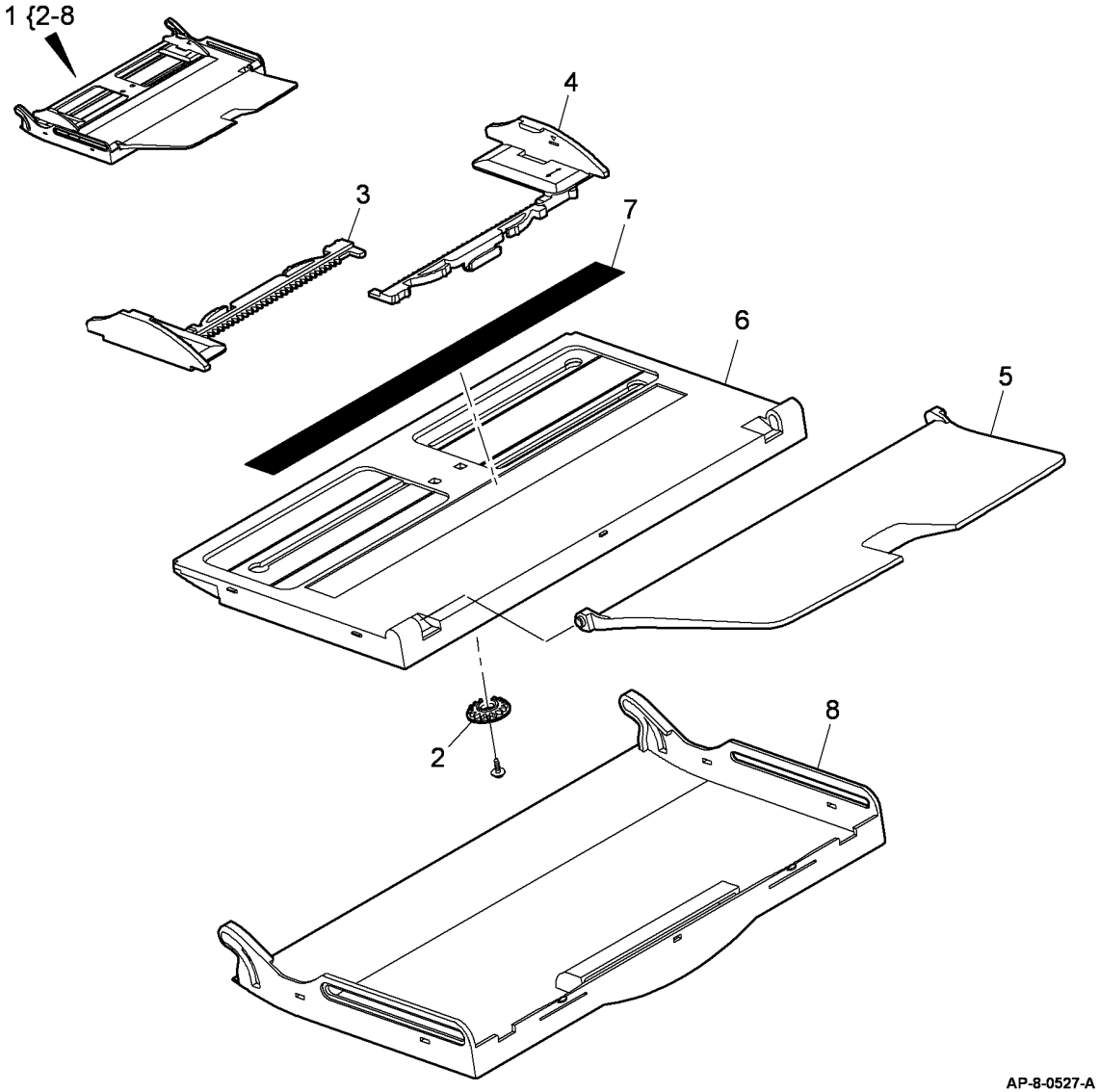
Item	Part	Description
1	002N02576	Duplex assembly (4150)
–	002N02834	Duplex assembly (4250/4260)
2	–	Grounding brush (P/O PL 7.35 Item 1)
3	115N00860	Static eliminator
4	–	Duplex guide (P/O PL 7.35 Item 1)
5	009N01599	Spring
6	022N02234	Duplex idler roll
7	115N00864	Spring clip
8	–	Ground harness assembly (P/O PL 7.35 Item 1)
9	–	Ground harness (P/O PL 7.35 Item 1)
10	–	Double sided tape (P/O PL 7.35 Item 1)
11	–	Transfer ground strip (P/O PL 7.35 Item 1)
12	–	Detack ground strip (P/O PL 7.35 Item 1)
13	–	Ground strip (P/O PL 7.35 Item 1)
14	–	Feed guide (P/O PL 7.35 Item 1)
15	–	Damper bracket (P/O PL 7.35 Item 1)
16	127N07485	Duplex fan 1 (4150)
–	127N07583	Duplex fan 1 (4250/4260)
17	127N07545	Duplex fan 2 (4150)
–	127N07590	Duplex fan 2 (4250/4260)
18	022N02277	Transfer roll assembly (See Note)
19	022N02235	Transfer roll (See Note)
20	013N00537	Bush
21	–	Not used
22	019N00913	Retainer
23	009N01600	Spring
24	–	E-Clip (Not Spared)
25	009N01601	Spring plate
26	019N00914	Retainer
27	016N00289	Bush
28	–	Harness cover (P/O PL 7.35 Item 1)
29	–	Side cover (REF: PL 7.30 Item 1)
30	152N11710	Duplex harness (4150)
–	152N11767	Duplex harness (4250/4260)
31	002N02835	ID sensor bracket assembly (4250/4260)

NOTE: *HFSI. To reset the HFSI count, go to GP 16.*



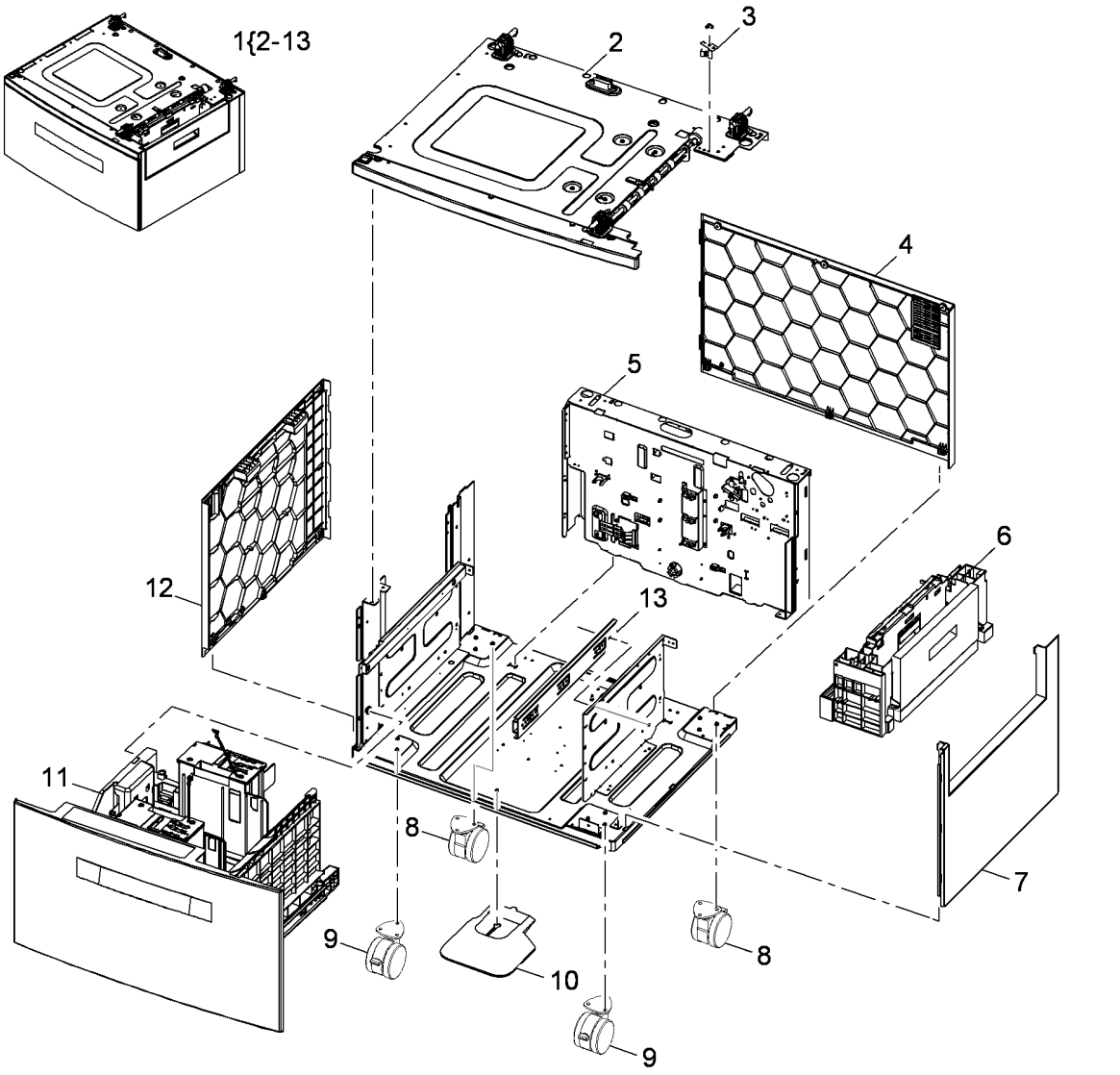
PL 7.40 Bypass Tray

Item	Part	Description
1	050N00493	Bypass tray assembly
2	007N01210	Pinion gear
3	–	Side guide left (P/O PL 7.40 Item 1)
4	–	Side guide right (P/O PL 7.40 Item 1)
5	050N00495	Exit tray
6	–	Top cover (P/O PL 7.40 Item 1)
7	–	Bypass label (P/O PL 7.40 Item 1)
8	–	Lower cover (P/O PL 7.40 Item 1)



PL 7.45 HCF (1 of 5)

Item	Part	Description
1	022N02382	HCF assembly
2	–	Top frame assembly (P/O PL 7.45 Item 1)
3	–	Ground clip (P/O PL 7.45 Item 1)
4	–	Rear cover (P/O PL 7.45 Item 1)
5	–	Rear frame assembly (REF: PL 7.60)
6	–	Jam release assembly (REF: PL 7.50)
7	–	Right cover (P/O PL 7.45 Item 1)
8	017N00283	Rear caster
9	017N00282	Front caster
10	–	Stability foot (P/O PL 7.45 Item 1)
11	–	HCF tray (REF: PL 7.55 Item 1)
12	–	Left cover (P/O PL 7.45 Item 1)
13	–	Slide assembly (P/O PL 7.45 Item 1)



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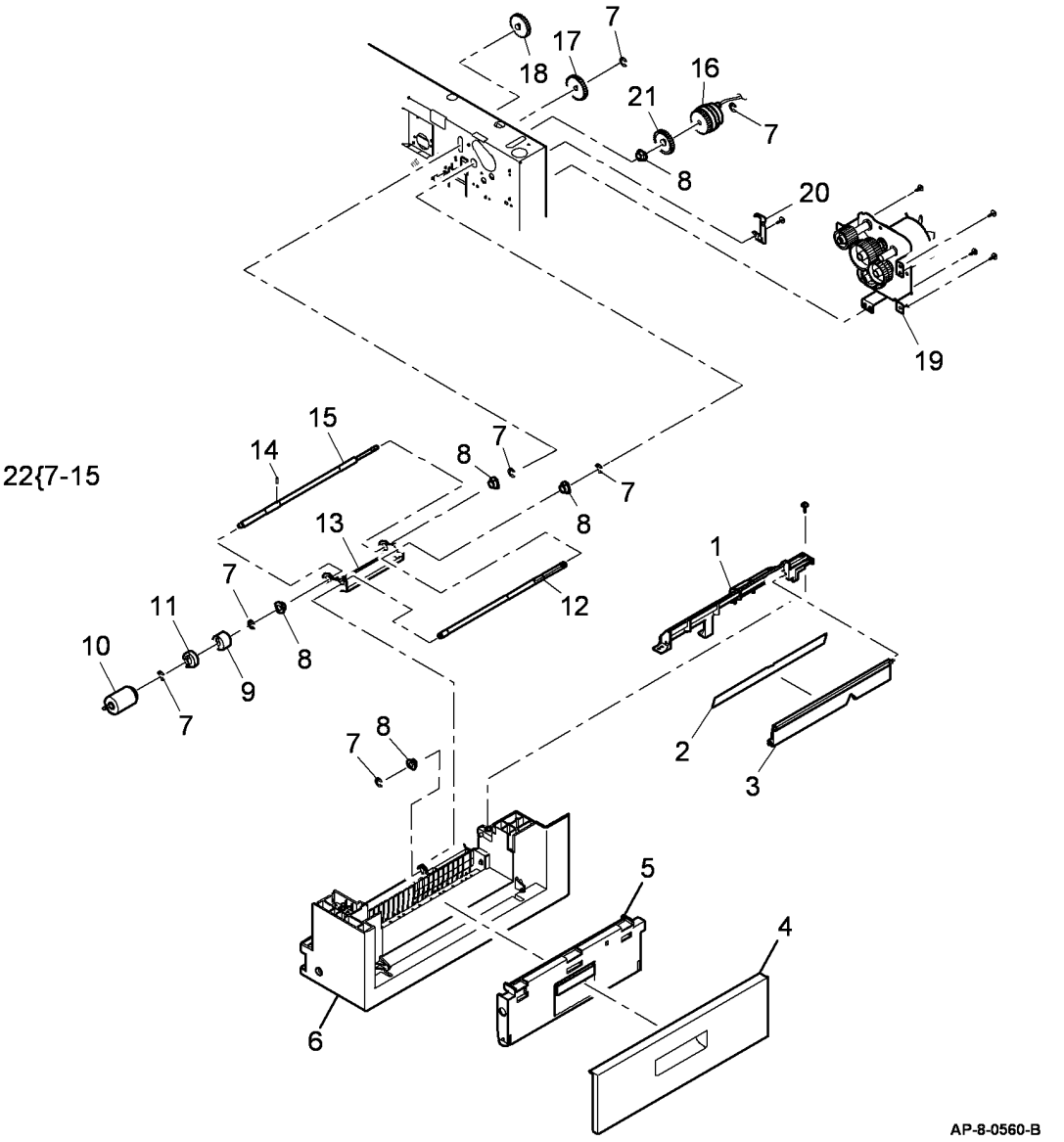
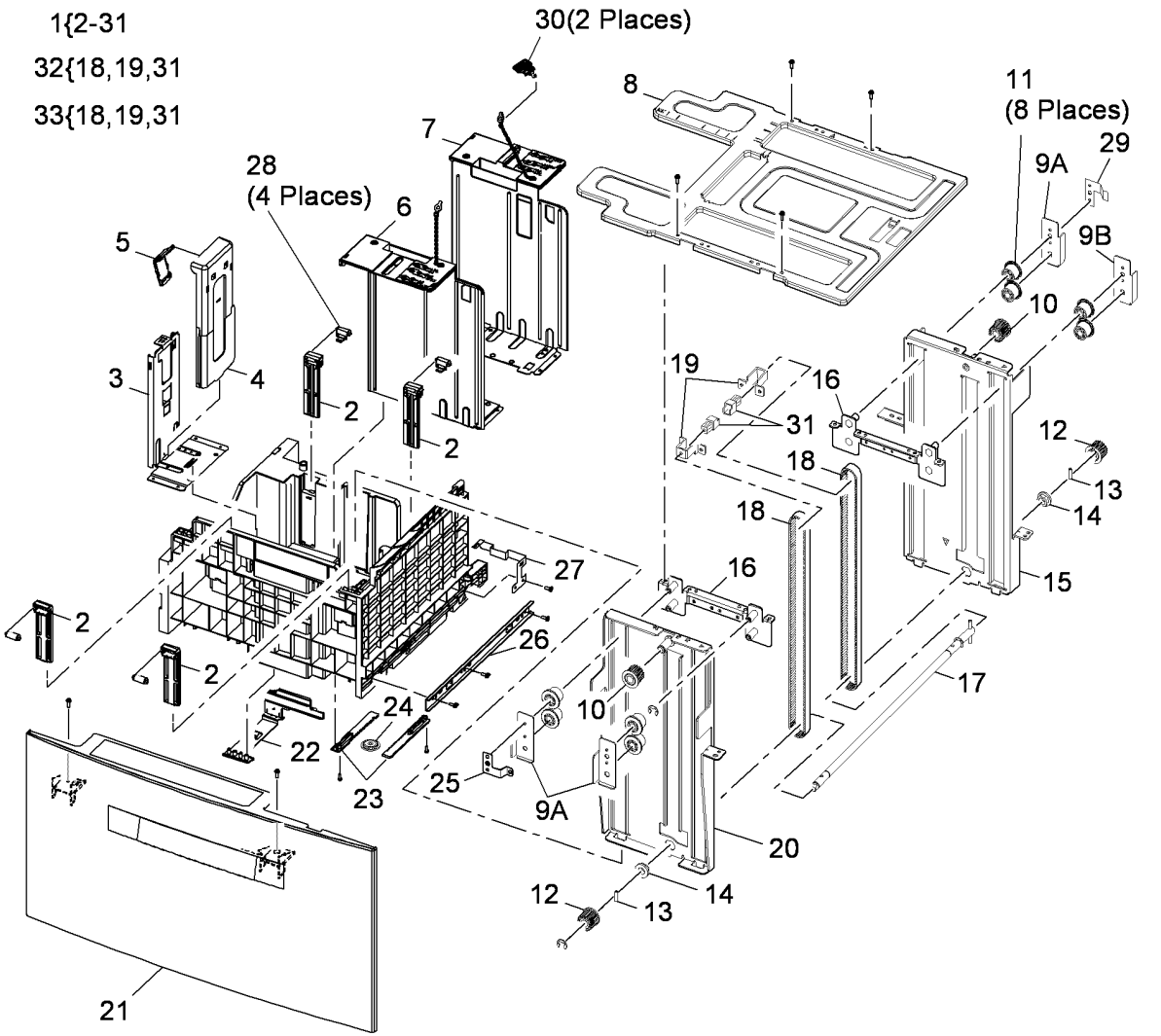
PL 7.50 HCF (2 of 5)

Item	Part	Description
1	–	Retard assembly cover (P/O PL 7.45 Item 1)
2	032N00477	Mylar strip
3	–	Paper guide (P/O PL 7.45 Item 1)
4	–	Cover door (P/O PL 7.45 Item 1)
5	002N02579	Access door assembly
6	–	Right hand base (P/O PL 7.45 Item 1)
7	–	E-clip (Not Spared)
8	–	Bearing (P/O PL 7.50 Item 22)
9	017N00259	Drive dog
10	022N02232	Retard roll assembly
11	022N02231	Drive dog coupling
12	–	Drive shaft (P/O PL 7.50 Item 22)
13	–	Retard bracket (P/O PL 7.50 Item 22)
14	006N01293	Pin
15	–	Retard shaft (P/O PL 7.50 Item 22)
16	005N01085	Tray pickup clutch (CL08-830)
17	–	Gear, paper transport assembly (P/O PL 7.45 Item 1)
18	–	Gear, tray feeder assembly (P/O PL 7.45 Item 1)
19	023N01160	Feed motor assembly (MOT08-930)
20	–	Ground strip (P/O PL 7.45 Item 1)
21	007N01498	Gear, retard assembly
22	022N02230	Retard assembly



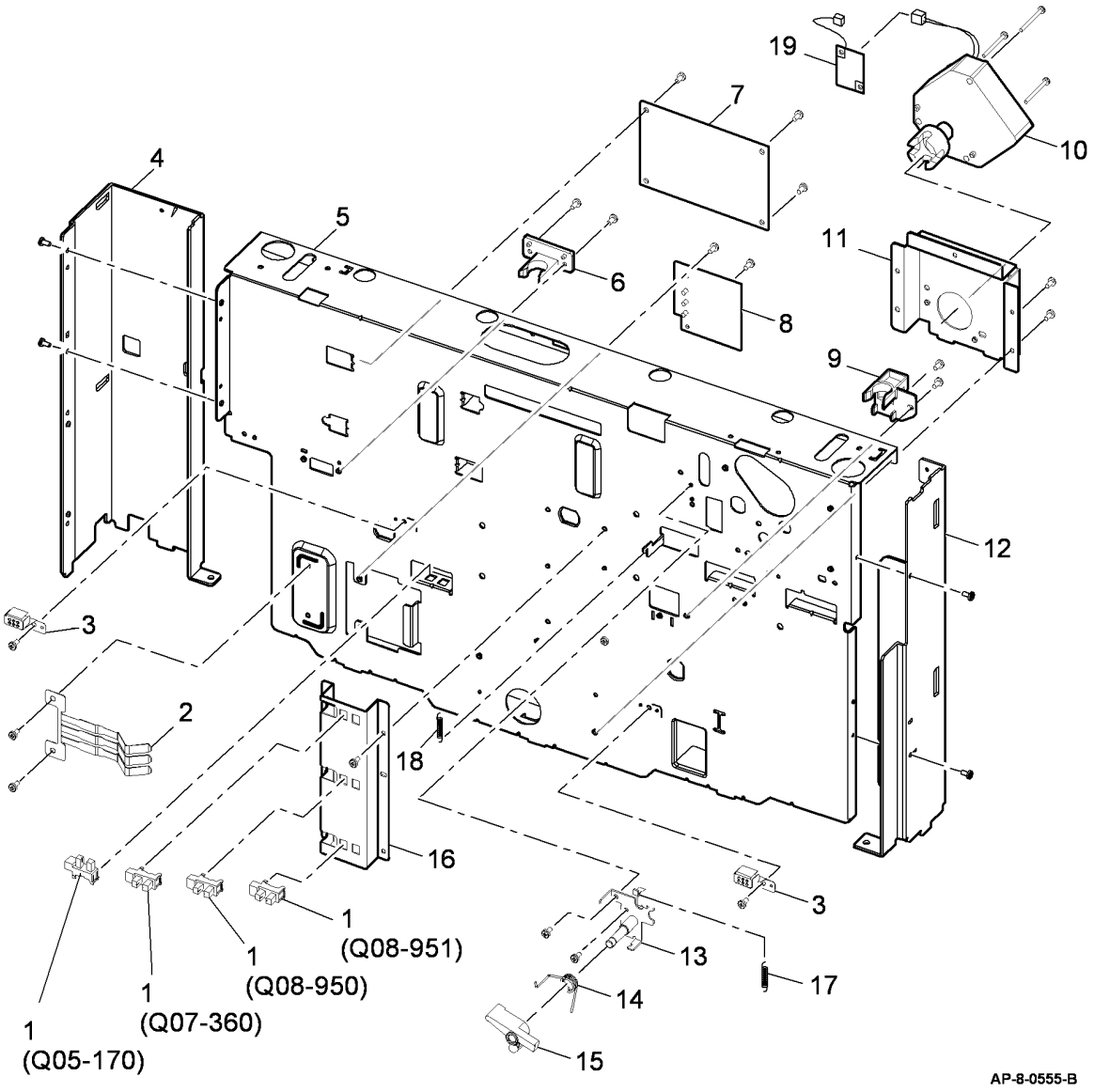
PL 7.55 HCF (3 of 5)

Item	Part	Description
1	050N00538	HCF tray
2	009N01644	Guide spring
3	–	Left paper guide bracket (P/O PL 7.55 Item 1)
4	002N02864	Left paper guide cover
5	002N02865	Hook
6	–	Front paper guide (P/O PL 7.55 Item 1)
7	–	Rear paper guide (P/O PL 7.55 Item 1)
8	–	Knock up plate (P/O PL 7.55 Item 1)
9	–	Idler bracket (9A), Paper level sensor actuator (9B) (P/O PL 7.55 Item 1)
10	–	Gear (P/O PL 7.55 Item 1)
11	–	Idler (P/O PL 7.55 Item 1)
12	–	Gear (P/O PL 7.55 Item 1)
13	–	Pin (P/O PL 7.55 Item 1)
14	–	Bearing (P/O PL 7.55 Item 1)
15	–	Rear lift plate (P/O PL 7.55 Item 1)
16	–	Bracket (P/O PL 7.55 Item 1)
17	–	Drive shaft (P/O PL 7.55 Item 1)
18	023N01192	Belt
19	–	Bracket (P/O PL 7.55 Item 32, PL 7.55 Item 33)
20	–	Front lift plate (P/O PL 7.55 Item 1)
21	–	Front cover (P/O PL 7.55 Item 1)
22	–	Sub support bar (P/O PL 7.55 Item 1)
23	–	Rack gear (P/O PL 7.55 Item 1)
24	–	Pinion gear (P/O PL 7.55 Item 1)
25	–	Ground strip (P/O PL 7.55 Item 1)
26	–	Slide assembly (P/O PL 7.55 Item 1)
27	–	Ground strip (P/O PL 7.55 Item 1)
28	009N01643	Spring roll
29	–	Ground strip (P/O PL 7.55 Item 1)
30	029N00399	Paper size lock
31	–	Clamp (P/O PL 7.55 Item 32, PL 7.55 Item 33)
32	023N01191	Rear belt clamp assembly
33	023N01193	Front belt clamp assembly



PL 7.60 HCF (4 of 5)

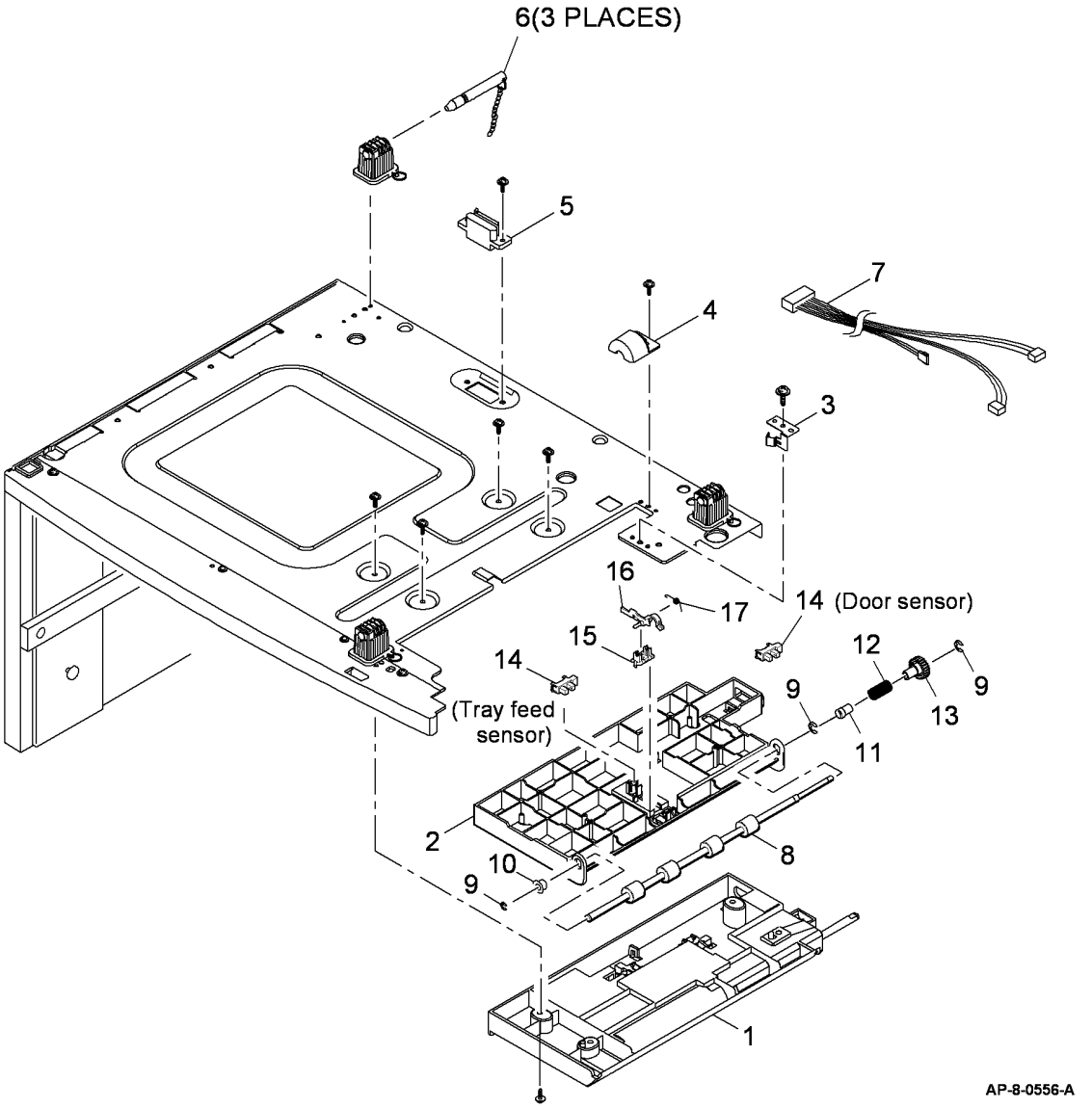
Item	Part	Description
1	130N01274	Tray home sensor (Q05-170), paper low sensor (Q07-360), HCF level sensor 2 (Q08-950), HCF level sensor 3 (Q08-951)
2	–	Leaf spring (P/O PL 7.45 Item 1)
3	–	Ground strip (P/O PL 7.45 Item 1)
4	–	Left plate (P/O PL 7.45 Item 1)
5	–	Frame (P/O PL 7.45 Item 1)
6	–	Left clip (P/O PL 7.45 Item 1)
7	140N63148	HCF PWB
8	050N00539	Paper size detect PWB
9	–	Right clip (P/O PL 7.45 Item 1)
10	127N07592	HCF elevating motor (MOT04-530)
11	–	HCF elevating motor bracket (P/O PL 7.45 Item 1)
12	–	Right plate (P/O PL 7.45 Item 1)
13	–	Link arm bracket (P/O PL 7.45 Item 1)
14	–	Spring (P/O PL 7.45 Item 1)
15	–	Feed head link arm (P/O PL 7.45 Item 1)
16	–	Sensor bracket (P/O PL 7.45 Item 1)
17	009N01596	Spring
18	–	Feed assembly spring (REF: PL 8.10 Item 16)
19	140N63395	PTC PWB



PL 7.65 HCF (5 of 5)

Item	Part	Description
1	–	Tray feed assembly (REF: PL 8.10 Item 1)
2	–	Paper transport housing
3	002N02580	Ground strip
4	–	Gear cover (P/O PL 7.45 Item 1)
5	152N11714	Tray connector
6	–	Locking pin (P/O PL 7.45 Item 1)
7	–	Harness (P/O PL 7.45 Item 1)
8	–	Transport roll (P/O PL 7.45 Item 1)
9	–	E-clip (Not Spared)
10	–	Bearing (P/O PL 7.45 Item 1)
11	–	Bush holder (P/O PL 7.45 Item 1)
12	009N01605	Spring clutch
13	007N01529	Gear (REP 7.6)
14	130N01274	Tray feed sensor, door sensor (See Note) (REP 7.6)
15	–	Cradle (P/O PL 7.45 Item 1)
16	–	Actuator (P/O PL 7.45 Item 1)
17	–	Spring (P/O PL 7.45 Item 1)

NOTE: *The tray feed sensor and the SCF door sensor component control codes are common.*

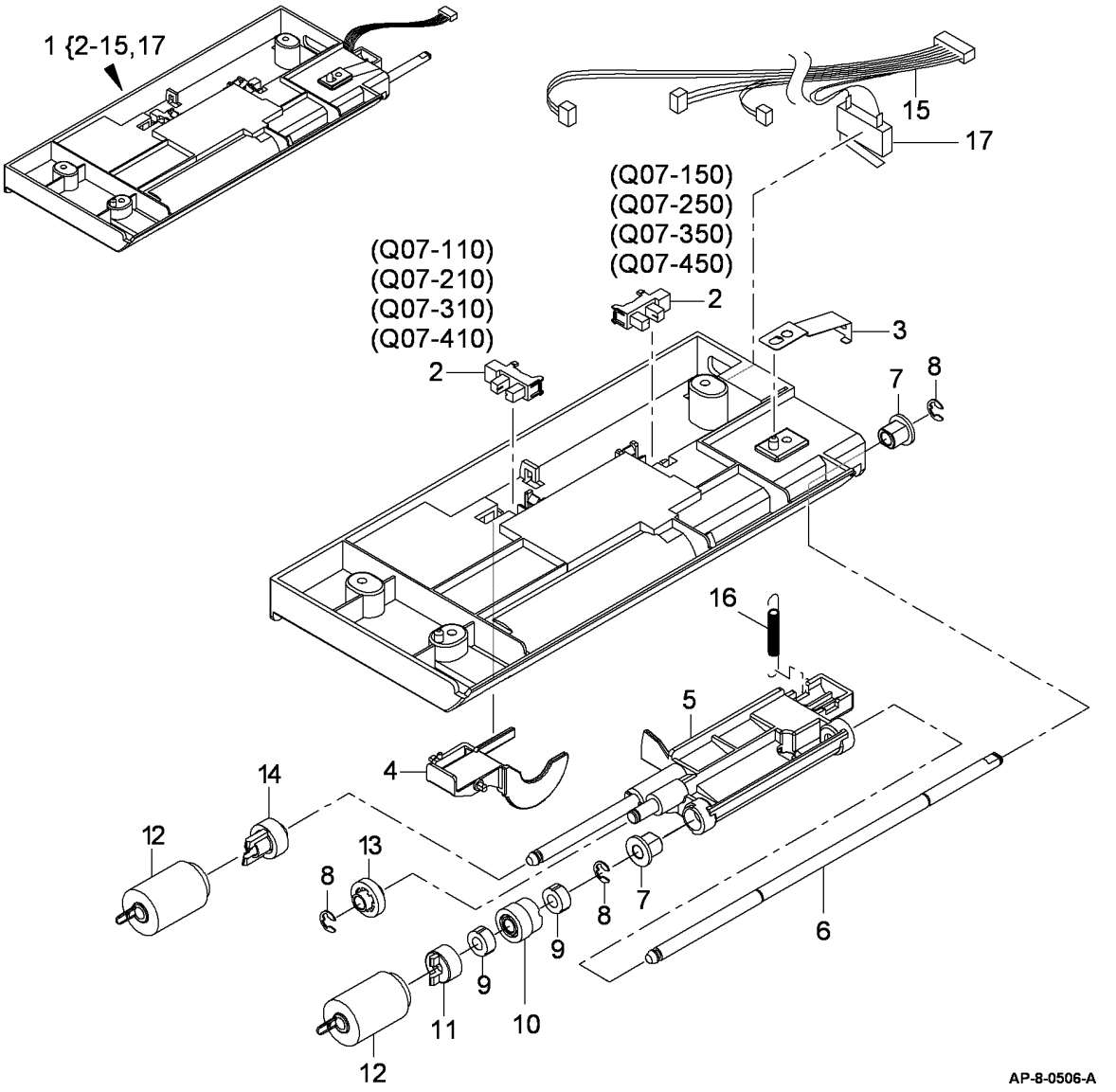


PL 8.10 Tray 1-4 & HCF Feed Assembly

Item	Part	Description
1	130N01559	Tray 1 feed assembly (4250/4260) (See Note 2)
–	130N01459	Tray 1 feed assembly (4150) / Trays 2-4 feed assembly (4150/ 4250/4260) (See Note 2)
–	130N01562	HCF tray feed assembly (4250/ 4260)
2	130N01274	Paper empty sensor (Q07-110 tray1), (Q07-210 tray 2), (Q07-310 tray 3), (Q07-410 tray 4), Stack height sensor (Q07-150 tray 1), (Q07-250 tray 2), (Q07-350 tray 3/ HCF), (Q07-450 tray 4). (See Note 2)
3	–	Ground strip (P/O PL 8.10 Item 1)
4	–	Actuator (P/O PL 8.10 Item 1)
5	–	Feed head (P/O PL 8.10 Item 1)
6	–	Feed roll shaft (P/O PL 8.10 Item 1)
7	–	Bearing (P/O PL 8.10 Item 1)
8	–	E-Clip (Not Spared)
9	005N01094	Clutch
10	007N01520	Feed roll gear
11	005N01087	Feed roll drive dog
12	022N02232	Roll assembly (See Note 1)
13	007N01556	Intermediate drive gear
14	007N01522	Nudger roll gear
15	–	Harness (P/O PL 8.10 Item 1)
16	009N01594	Spring
17	–	Tray up limit switch (P/O PL 8.10 Item 1) (REP 7.2)

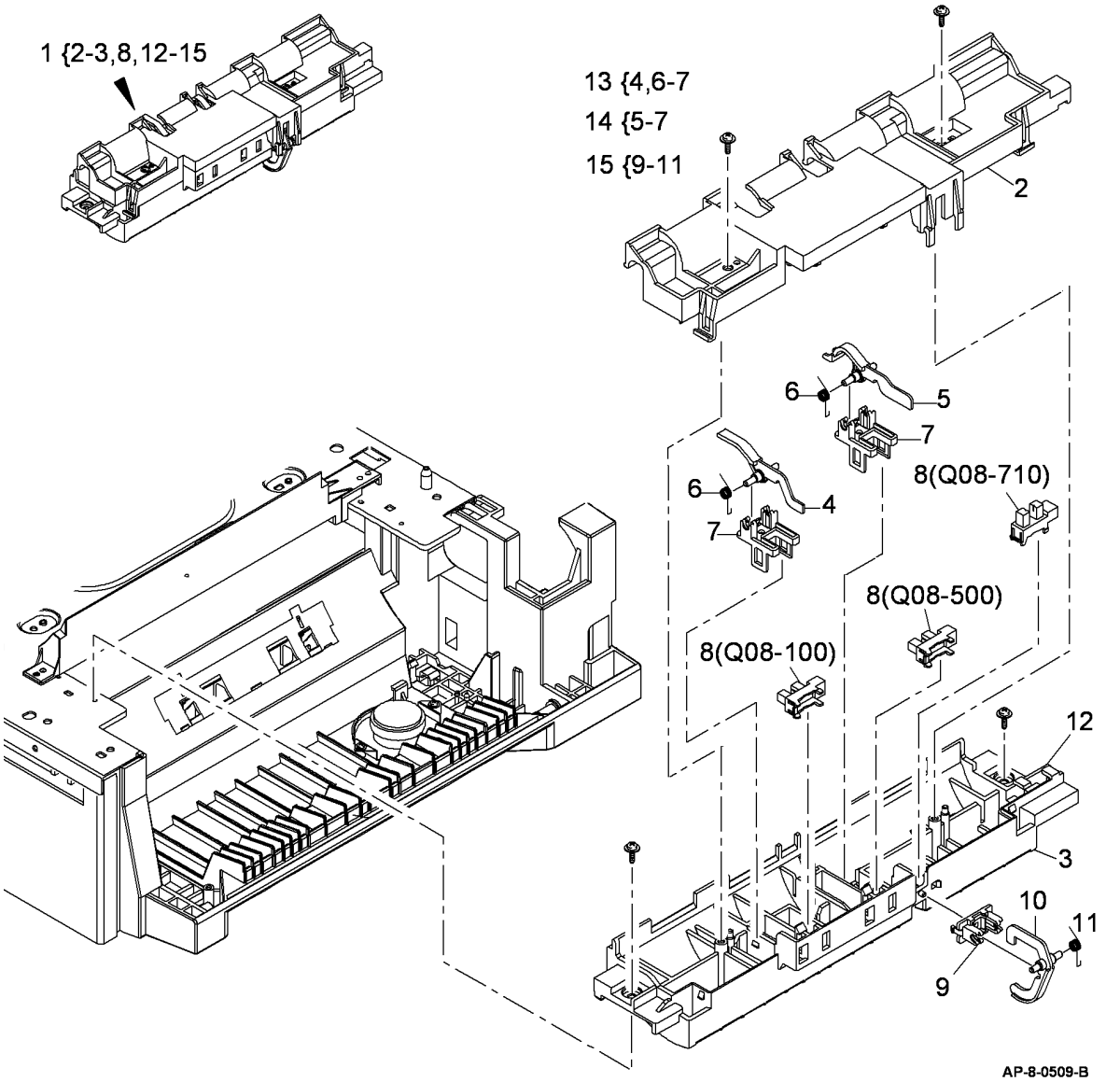
NOTE: *1. HFSI. To reset the HFSI count, go to GP 16.*

NOTE: *2. Tray 1, refer to REP 7.1. Trays 2, 3 and 4, refer to REP 7.7. HCF refer to REP 7.5.*



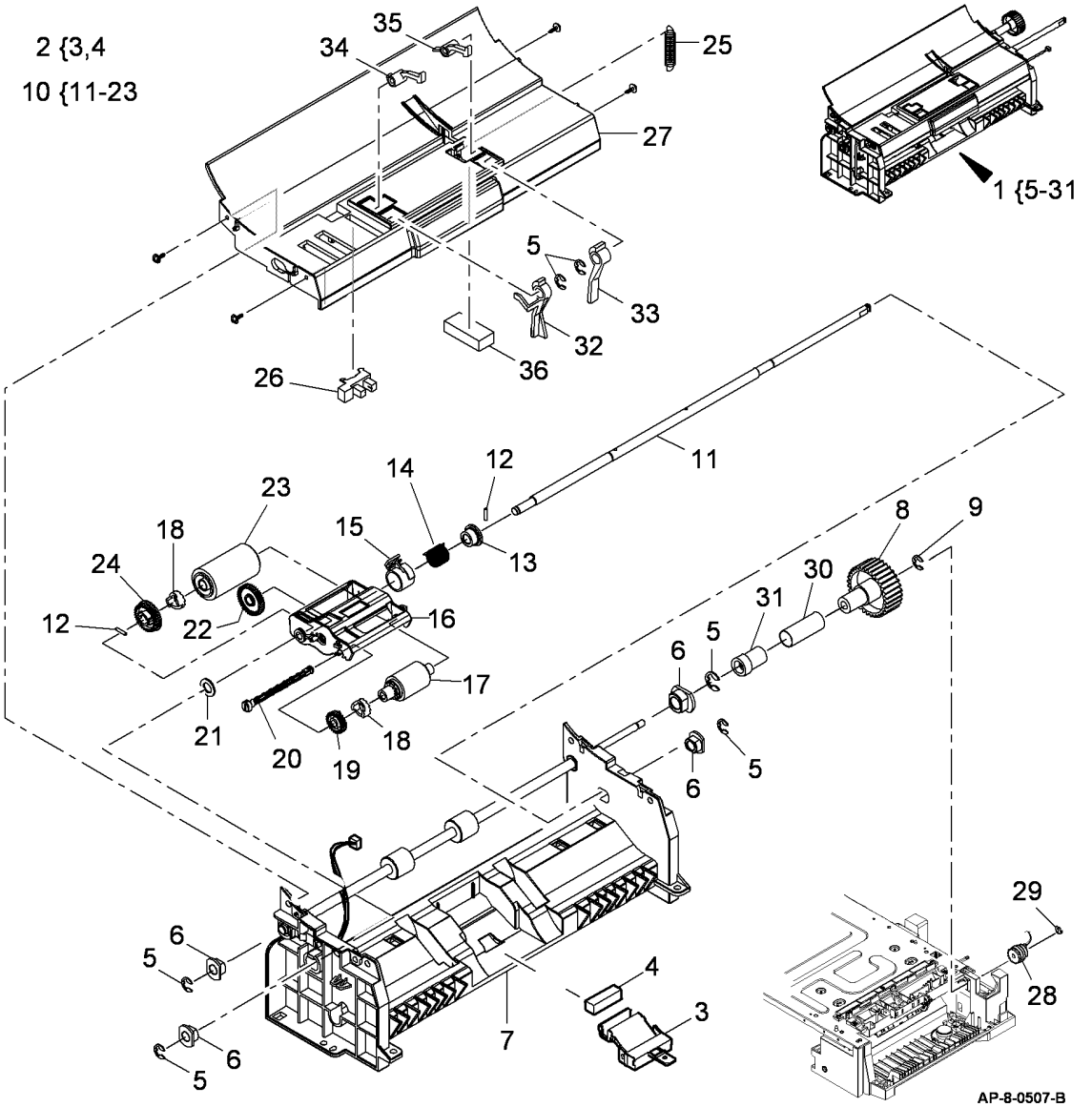
PL 8.15 Registration Guide Assembly

Item	Part	Description
1	–	Registration guide assembly (Not Spared)
2	015N00589	Registration roll cover (REP 8.2)
3	–	Registration guide base (Not Spared)
4	–	Feed sensor actuator (P/O PL 8.15 Item 13) (REP 8.2)
5	–	Registration sensor actuator (P/O PL 8.15 Item 14) (REP 8.2)
6	–	Actuator spring (P/O PL 8.15 Item 13) & (P/O PL 8.15 Item 14) (REP 8.2)
7	–	Registration actuator cradle (P/O PL 8.15 Item 13, PL 8.15 Item 14) (REP 8.2)
8	130N01274	Registration sensor (Q08-500), Feed sensor (Q08-100), Duplex jam 2 sensor (Q08-710) (REP 8.2)
9	–	Cradle (P/O PL 8.15 Item 15) (REP 8.2)
10	–	Duplex jam sensor actuator (P/O PL 8.15 Item 15) (REP 8.2)
11	009N01513	Spring (REP 8.2)
12	–	Registration guide housing (P/O PL 8.15 Item 1)
13	022N02278	Feed sensor actuator assembly (REP 8.2)
14	120N00501	Registration sensor actuator assembly (REP 8.2)
15	120N00502	Duplex jam 2 sensor actuator assembly (4150) (REP 8.2)
–	120N00529	Duplex jam 2 sensor actuator assembly (4250/4260) (REP 8.2)



PL 8.20 Paper Transport Assembly

Item	Part	Description
1	002N02563	Paper transport assembly (4150) (REP 8.3)
–	002N02859	Paper transport assembly (4250/4260) (REP 8.3)
2	019N00911	Bypass tray retard assembly (REP 8.5)
3	–	Retard pad holder (P/O PL 8.20 Item 2)
4	019N00566	Retard pad (See Note) (REP 8.5)
5	–	E-Clip (Not Spared)
6	–	Bearing (P/O PL 8.20 Item 1)
7	–	Lower guide (P/O PL 8.20 Item 1)
8	007N01535	Gear
9	–	E-Clip (Not Spared)
10	002N02577	Bypass tray feed roll assembly (REP 8.6)
11	–	Shaft (P/O PL 8.20 Item 10)
12	029N00374	Pin
13	016N00290	Clutch bush
14	009N01602	Clutch spring
15	005N01090	Collar
16	–	Roller frame (P/O PL 8.20 Item 10)
17	022N02191	Feed roll (4150)
–	022N02373	Feed roll (4250/4260)
18	005N01089	Clutch
19	007N01533	Gear 26T
20	–	Shaft (P/O PL 8.20 Item 10)
21	–	Washer (P/O PL 8.20 Item 10)
22	007N01179	Idler gear 38T
23	022N02190	Roll assembly
24	007N01534	Idler gear 34T
25	009N01604	Spring
26	130N01274	Bypass paper empty sensor (Q07-510)
27	–	Upper guide (P/O PL 8.20 Item 1)
28	005N01085	Bypass feed clutch (CL08-800)
29	–	KL-Clip (P/O PL 8.20 Item 1)
30	009N01603	Spring clutch
31	–	Bush (P/O PL 8.20 Item 1)
32	–	Front link arm (P/O PL 8.20 Item 1)
33	–	Rear link arm (P/O PL 8.20 Item 1)
34	–	Front feed gate (P/O PL 8.20 Item 1)
35	–	Rear feed gate (P/O PL 8.20 Item 1)
36	032N00494	Grounding pad (4250/4260)

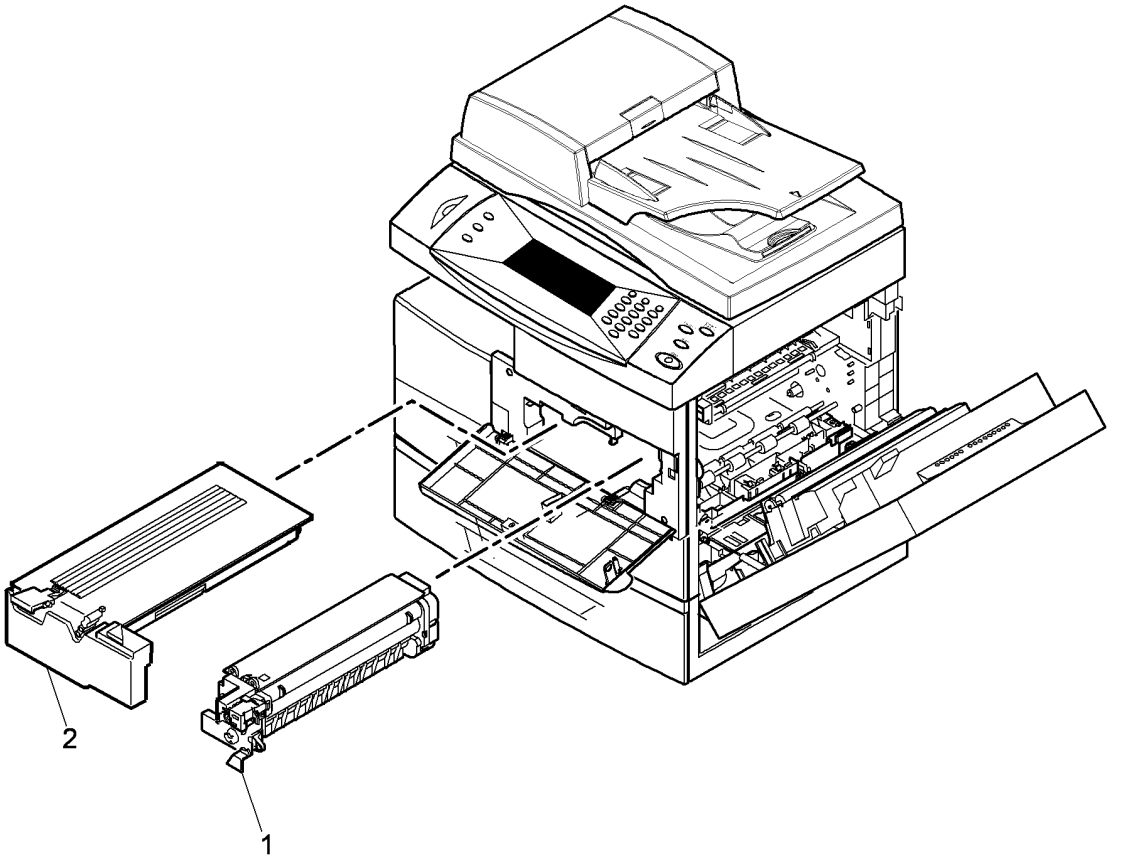


NOTE: *HFSI. To reset the HFSI count, go to GP 16.*

PL 9.10 Toner and Xerographic modules

Item	Part	Description
1	–	Xerographic module (REF: PL 26.10) (See Note)
2	–	Toner cartridge, see below for variants
–	–	Worldwide Metered/PagePack (REF: PL 26.10)
–	–	NA/XE Sold (REF: PL 26.10)
–	–	DMO Sold (REF: PL 26.10)

NOTE: *HFSI. To reset the HFSI count, go to GP 16.*



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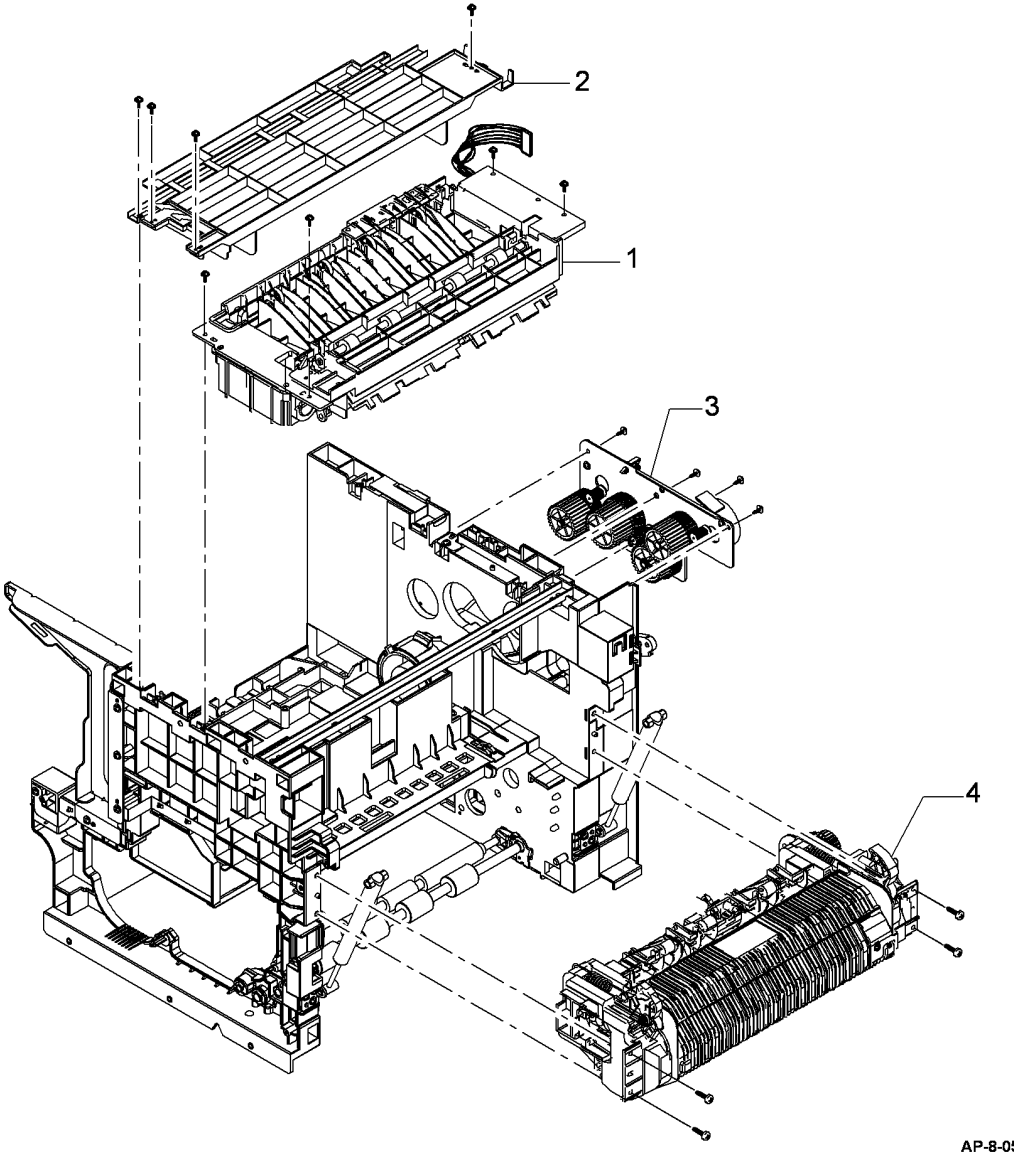
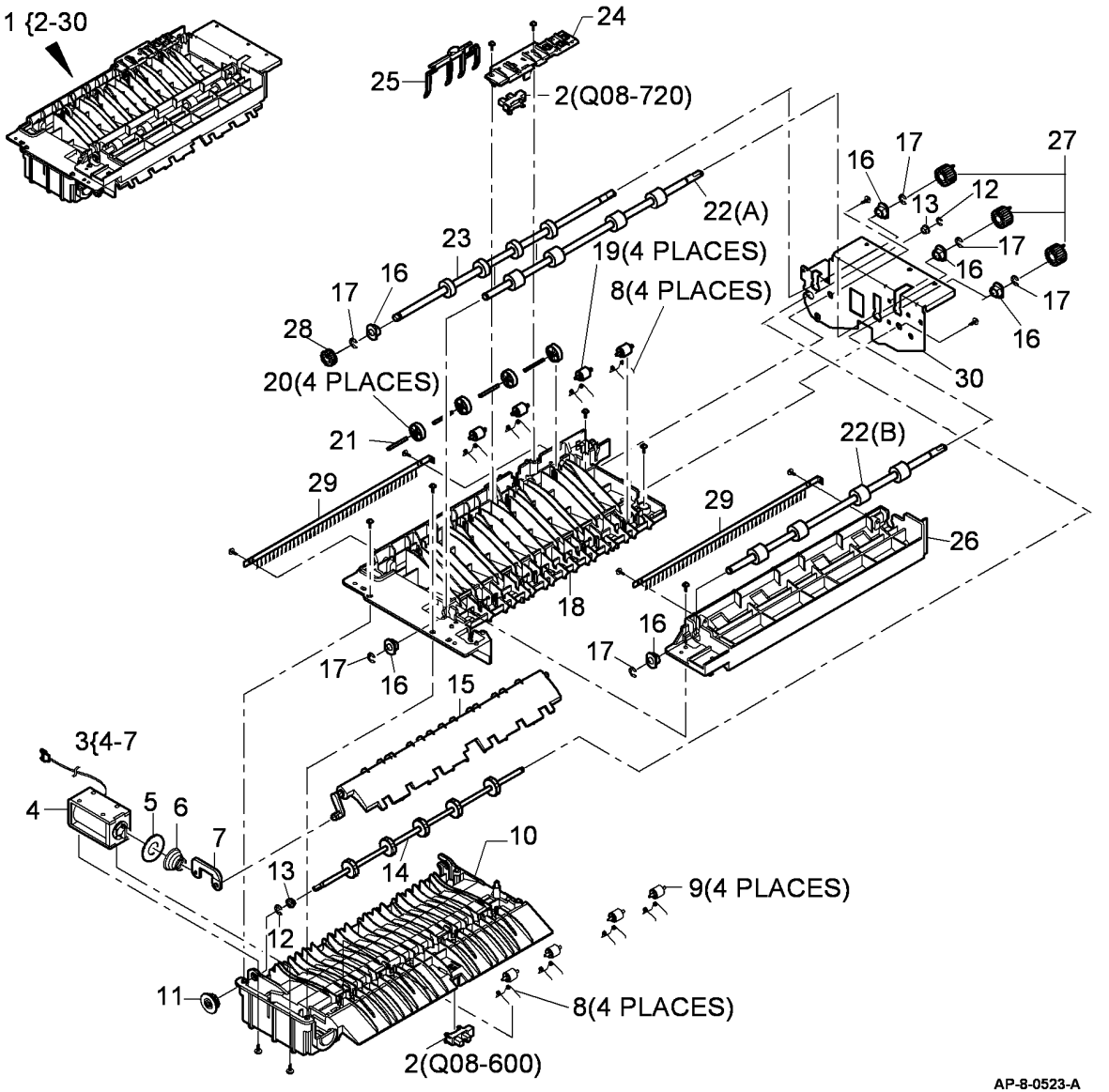
PL 10.10 Fuser and Exit Assemblies

Item	Part	Description
1	–	Exit assembly (REF: PL 10.15 Item 1) (REP 10.2)
2	–	Exit guide assembly (Not Spared) (REP 10.2)
3	–	Exit drive assembly (REF: PL 10.20 Item 1)
4	–	Fuser assembly (REF: PL 10.25 Item 1) (4150) (REP 10.1)
–	–	Fuser assembly (REF: PL 10.28 Item 1) (4250/4260) (REP 10.1)



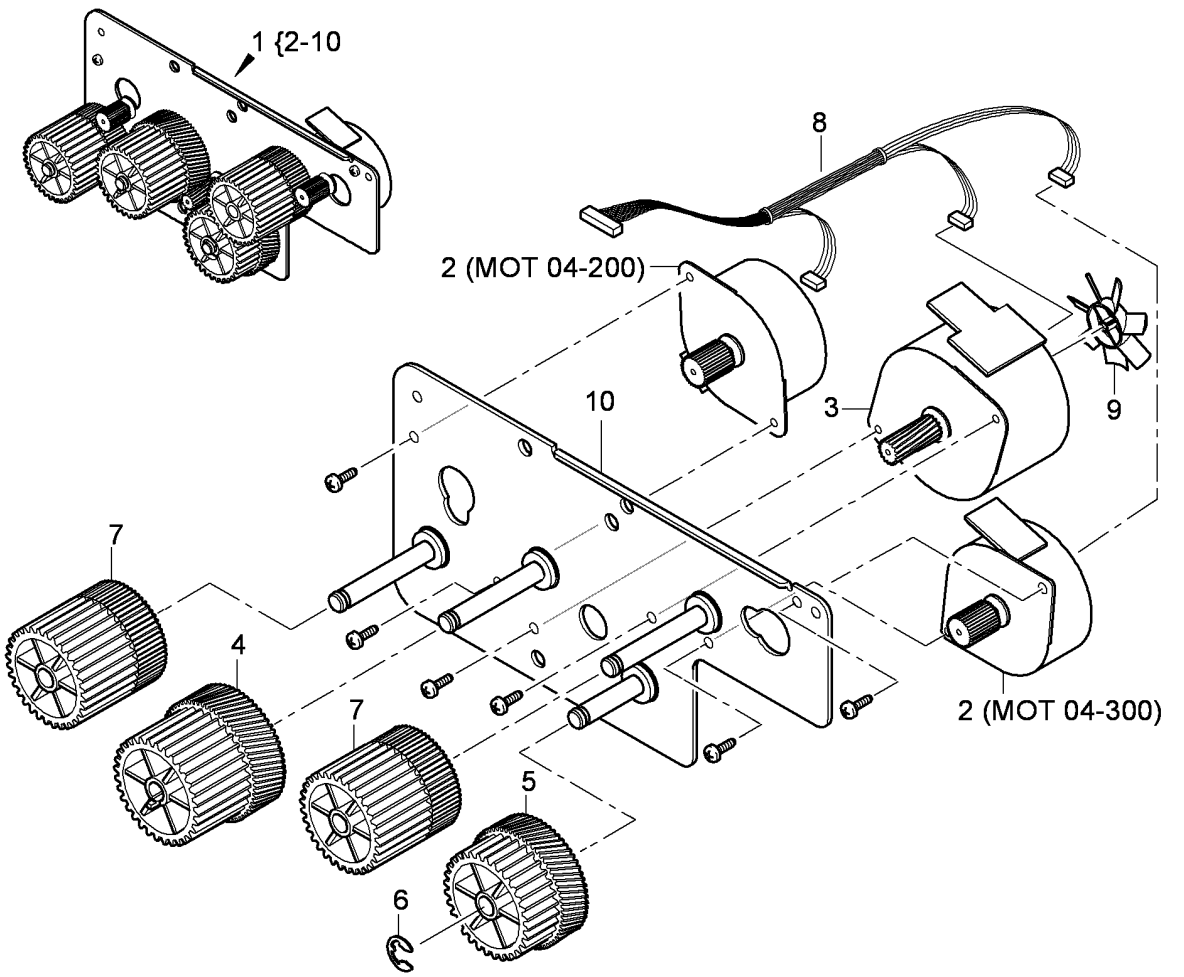
PL 10.15 Exit Assembly

Item	Part	Description
1	002N02554	Exit assembly (4150) (REP 10.2)
–	002N02802	Exit assembly (4250/4260) (REP 10.2)
2	130N01274	Out bin full sensor (Q08-720), Exit sensor (Q08-600)
3	121N01130	Duplex gate solenoid assembly (REP 10.3)
4	–	Duplex gate solenoid (SOL 08-870) (P/O PL 10.15 Item 3)
5	095N00382	Washer
6	–	Spring (P/O PL 10.15 Item 3)
7	–	Actuator (P/O PL 10.15 Item 3)
8	–	Spring (P/O PL 10.15 Item 1)
9	–	Duplex roll idler (P/O PL 10.15 Item 1)
10	–	Lower exit guide (P/O PL 10.15 Item 1)
11	007N01555	Gear
12	–	E-Clip (Not Spared)
13	–	Bush (P/O PL 10.15 Item 1)
14	–	Lower exit roll (P/O PL 10.15 Item 1)
15	050N00499	Duplex gate (REP 10.3)
16	–	Bush (P/O PL 10.15 Item 1)
17	–	E-Clip (Not Spared)
18	–	Upper exit guide (P/O PL 10.15 Item 1)
19	–	Transport roll idler (P/O PL 10.15 Item 1)
20	022N02272	Duplex roll idler
21	–	Pin (P/O PL 10.15 Item 1)
22	–	Transport roll (22A), Duplex roll (22B) (P/O PL 10.15 Item 1)
23	–	Upper exit roller (P/O PL 10.15 Item 1)
24	–	Sensor cover (P/O PL 10.15 Item 1)
25	017N00266	Actuator
26	–	Exit guide (P/O PL 10.15 Item 1)
27	007N01559	Gear
28	007N01513	Gear
29	121N01179	Static eliminator
30	–	Exit assembly bracket (Not Spared)



PL 10.20 Exit Drive

Item	Part	Description
1	002N02555	Exit drive assembly (4150) (REP 10.4)
–	002N02803	Exit drive assembly (4250/4260) (REP 10.4)
2	127N07490	Exit motor (MOT 04-200), Duplex motor (MOT 04-300) (4150)
–	127N07586	Exit motor (MOT 04-200), Duplex motor (MOT 04-300) (4250/4260)
3	127N01443	Fuser motor (MOT 10-400) (4150)
–	127N07585	Fuser motor (MOT 10-400) (4250/4260)
4	007N01510	Exit idler gear (A) (4150)
–	007N01620	Exit idler gear (A) (4250/4260)
5	007N01511	Fuser idler gear (A)
6	–	E-Clip (Not Spared)
7	007N01512	Exit idler gear (C) (4150)
–	007N01621	Exit idler gear (C) (4250/4260)
8	002N02575	Motor harness (4150)
–	152N11763	Motor harness (4250/4260)
9	–	Fan blade (P/O PL 10.20 Item 1)
10	–	Mounting plate (P/O PL 10.20 Item 1)



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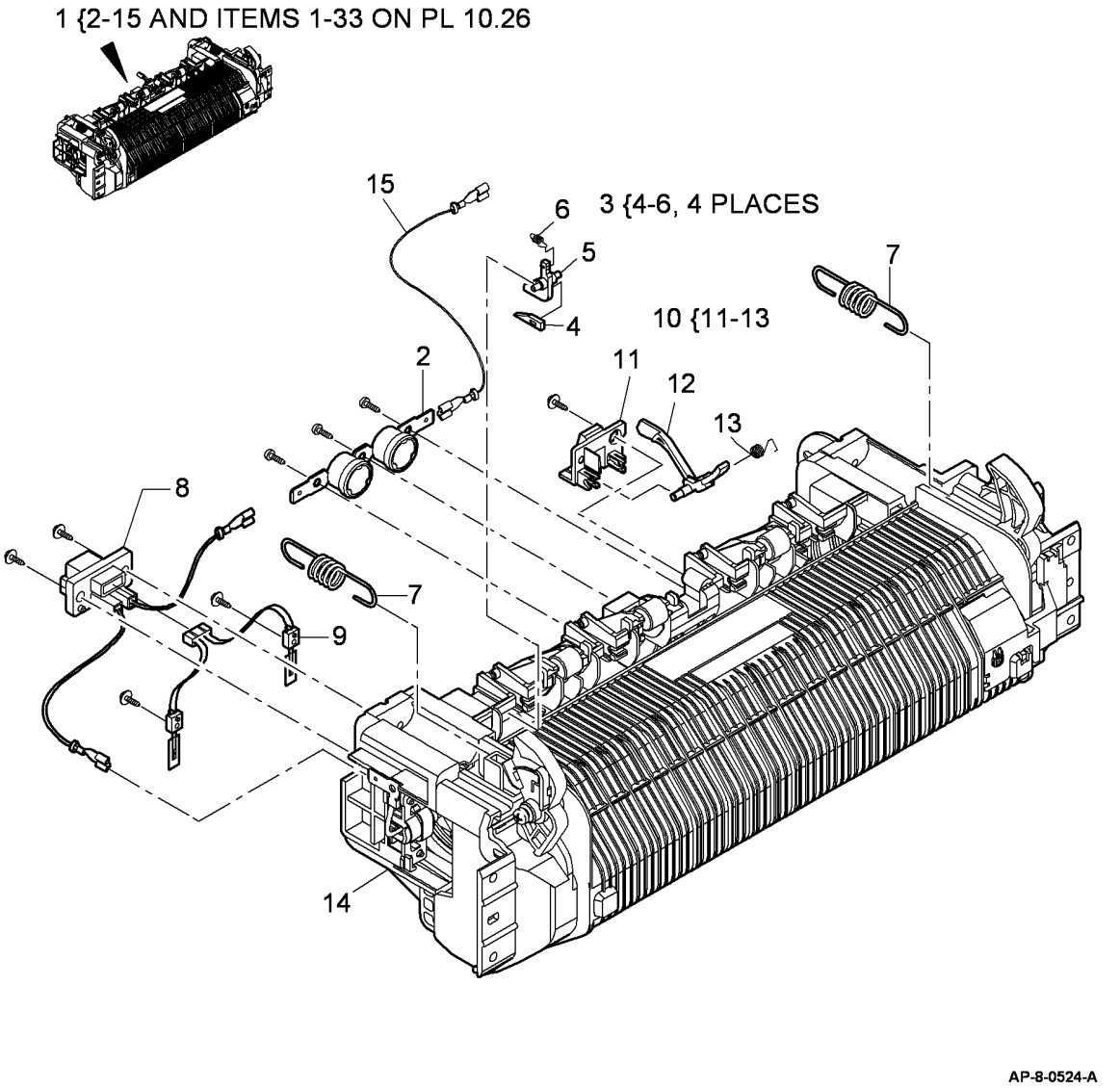
PL 10.25 Fuser (1 of 2) (4150)

Item	Part	Description
1	126N00321	Fuser assembly (See Note 1) (REP 10.1)
2	130N01463	Thermostat assembly
3	031N00217	Stripper finger assembly
4	–	Stripper finger (P/O PL 10.25 Item 3)
5	–	Finger holder (P/O PL 10.25 Item 3)
6	–	Spring (P/O PL 10.25 Item 3)
7	009N01595	Spring (REP 10.5)
8	152N11708	Connector
9	130N01462	Thermistor assembly
10	120N00487	Fuser exit sensor actuator assembly (See Note 2)
11	–	Actuator cradle (P/O PL 10.25 Item 10)
12	–	Exit sensor actuator (P/O PL 10.25 Item 10)
13	–	Spring (P/O PL 10.25 Item 10)
14	–	Fusing unit (P/O PL 10.25 Item 1)
15	152N11709	AC Fuser harness

NOTE: *1. HFSI. To reset the HFSI count, go to GP 16.*

NOTE: *2. The fuser exit sensor is located on PL 10.15 Item 2.*

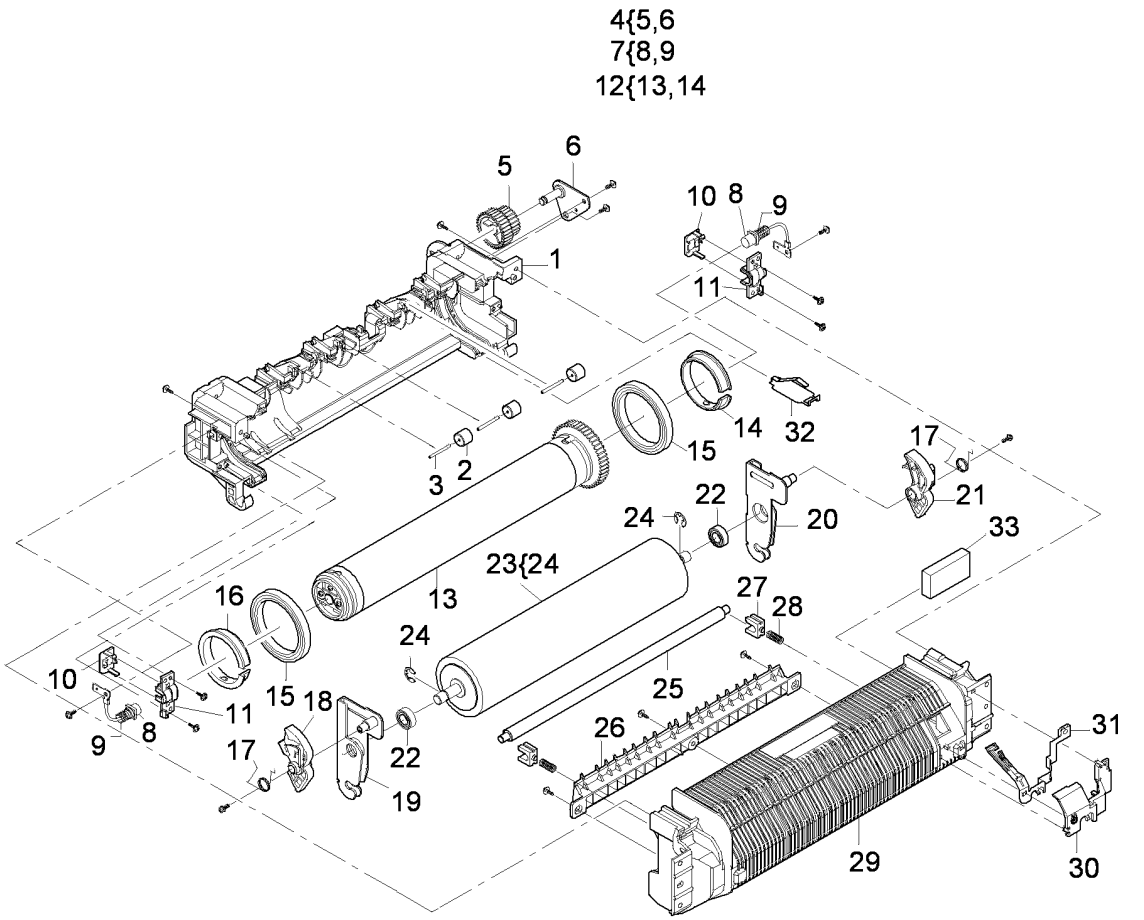


PL 10.26 Fuser (2 of 2) (4150)

Item	Part	Description
1	–	Fuser cover (P/O PL 10.25 Item 1)
2	–	Roll (P/O PL 10.25 Item 1)
3	–	Pin (P/O PL 10.25 Item 1)
4	030N00720	Gear and bracket assembly
5	–	Gear (P/O PL 10.26 Item 4)
6	–	Bracket (P/O PL 10.26 Item 4)
7	115N00862	Carbon brush assembly (REP 10.5)
8	–	Carbon brush (P/O PL 10.26 Item 7)
9	–	Spring (P/O PL 10.26 Item 7)
10	–	Lower brush cover (P/O PL 10.25 Item 1)
11	–	Upper brush cover (P/O PL 10.25 Item 1)
12	022N02233	Heat roller assembly (See Note 1 and Note 2) (REP 10.5)
13	–	Heat roller (P/O PL 10.26 Item 12)
14	–	Heat roller collar (P/O PL 10.26 Item 12)
15	013N13866	Bearing (REP 10.5)
16	016N00295	Heat roller collar (See Note 2)
17	–	Spring (P/O PL 10.25 Item 1)
18	–	Jam lever LH (P/O PL 10.25 Item 1)
19	–	Bracket (P/O PL 10.25 Item 1)
20	–	Bracket (P/O PL 10.25 Item 1)
21	–	Jam lever RH (P/O PL 10.25 Item 1)
22	013N13847	Bearing (REP 10.5)
23	022N02273	Pressure roller (See Note 1)
24	–	E-clip (Not Spared)
25	006N01330	Cleaning shaft (REP 10.5)
26	–	Input guide (P/O PL 10.25 Item 1)
27	–	Pressure bearing (P/O PL 10.25 Item 1)
28	–	Spring (P/O PL 10.25 Item 1)
29	–	Fuser cover (P/O PL 10.25 Item 1)
30	–	Ground strip cover (P/O PL 10.25 Item 1)
31	–	Ground strip (P/O PL 10.25 Item 1)
32	–	Ground strip (P/O PL 10.25 Item 1)
33	–	Cleaning felt (P/O PL 10.25 Item 1)

NOTE: *1. HFSI. To reset the HFSI count, go to GP 16.*

NOTE: *2. If a new heat roller assembly is installed, also install a new heat roller collar, PL 10.26 Item 16.*

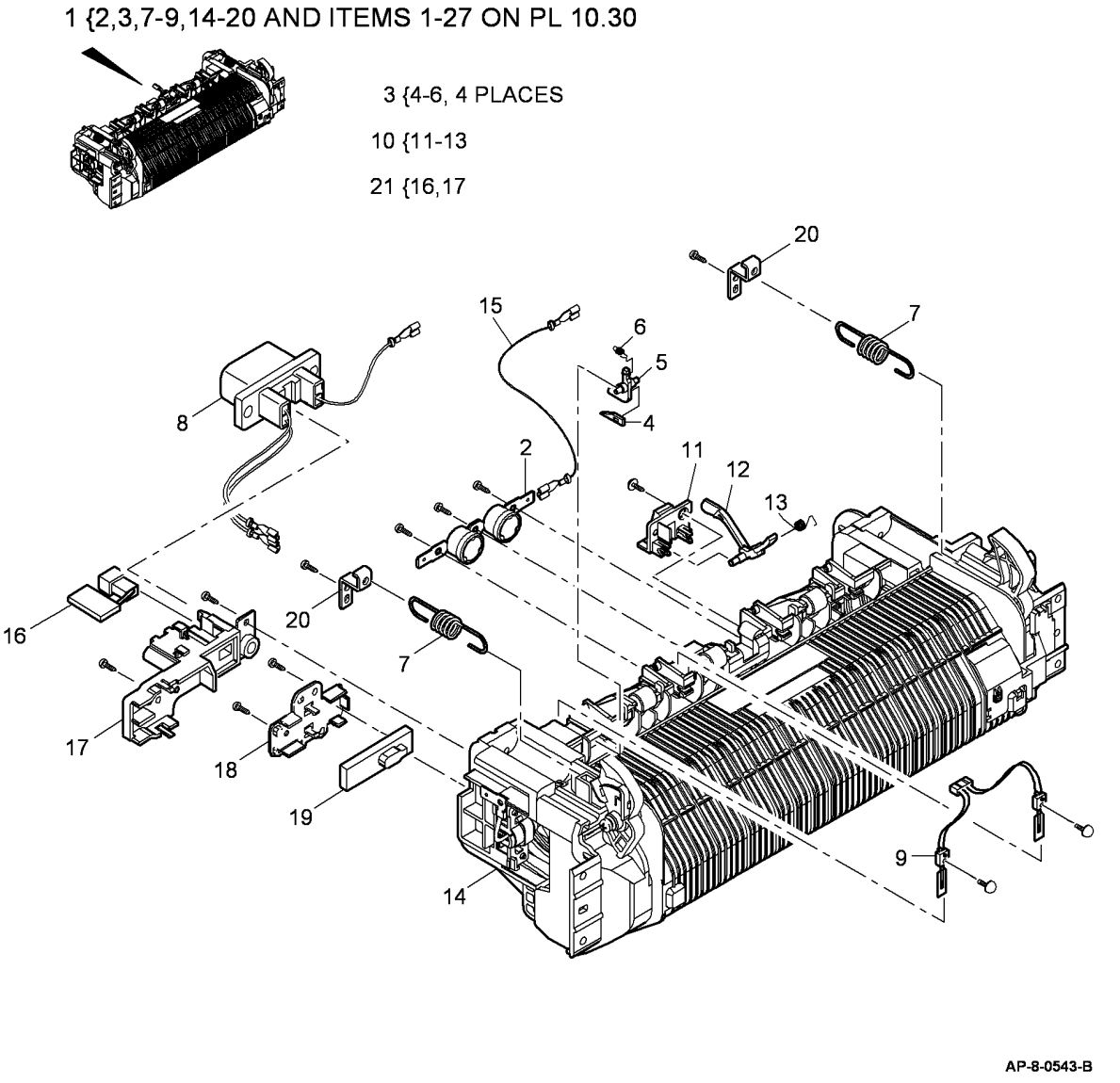


PL 10.28 Fuser (1 of 2) (4250/4260)

Item	Part	Description
1	002N02806	Fuser assembly (220V) (XE) (See Note 1) (REP 10.1)
–	002N02805	Fuser assembly (110V) (NASG/ XCL) (See Note 1) (REP 10.1)
2	130N01463	Thermostat assembly
3	031N00217	Stripper finger assembly
4	–	Stripper finger (P/O PL 10.28 Item 3)
5	–	Finger holder (P/O PL 10.28 Item 3)
6	–	Spring (P/O PL 10.28 Item 3)
7	009N01642	Spring (REP 10.7)
8	152N11766	Connector
9	130N01462	Thermistor assembly
10	120N00487	Fuser exit sensor assembly (See Note 2)
11	–	Actuator cradle (P/O PL 10.28 Item 10)
12	–	Exit sensor actuator (P/O PL 10.28 Item 10)
13	–	Spring (P/O PL 10.28 Item 10)
14	–	Fusing unit (P/O PL 10.28 Item 1)
15	–	AC Fuser harness (Not Spared)
16	140N63354	CRUM
17	–	Terminal cover (P/O PL 10.28 Item 1)
18	–	Thermistor cover (P/O PL 10.28 Item 1)
19	130N01561	NC Thermistor
20	–	Spring bracket (P/O PL 10.28 Item 1)
21	–	Fuser CRUM assembly (P/O PL 10.28 Item 1)

NOTE: *1. HFSI. To reset the HFSI count, go to GP 16.*

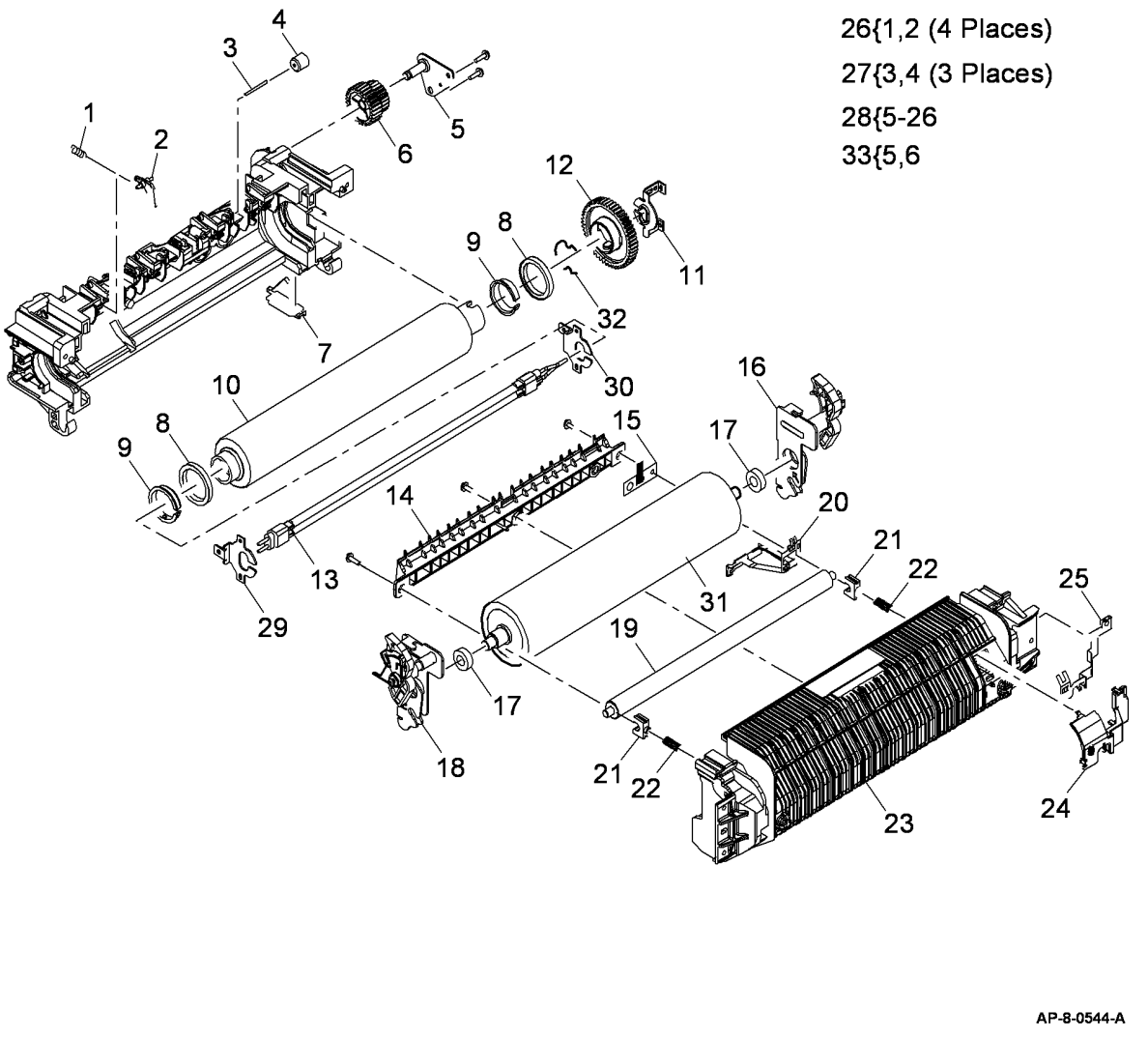
NOTE: *2. The fuser exit sensor is located on PL 10.15 Item 2.*



PL 10.30 Fuser (2 of 2) (4250/4260)

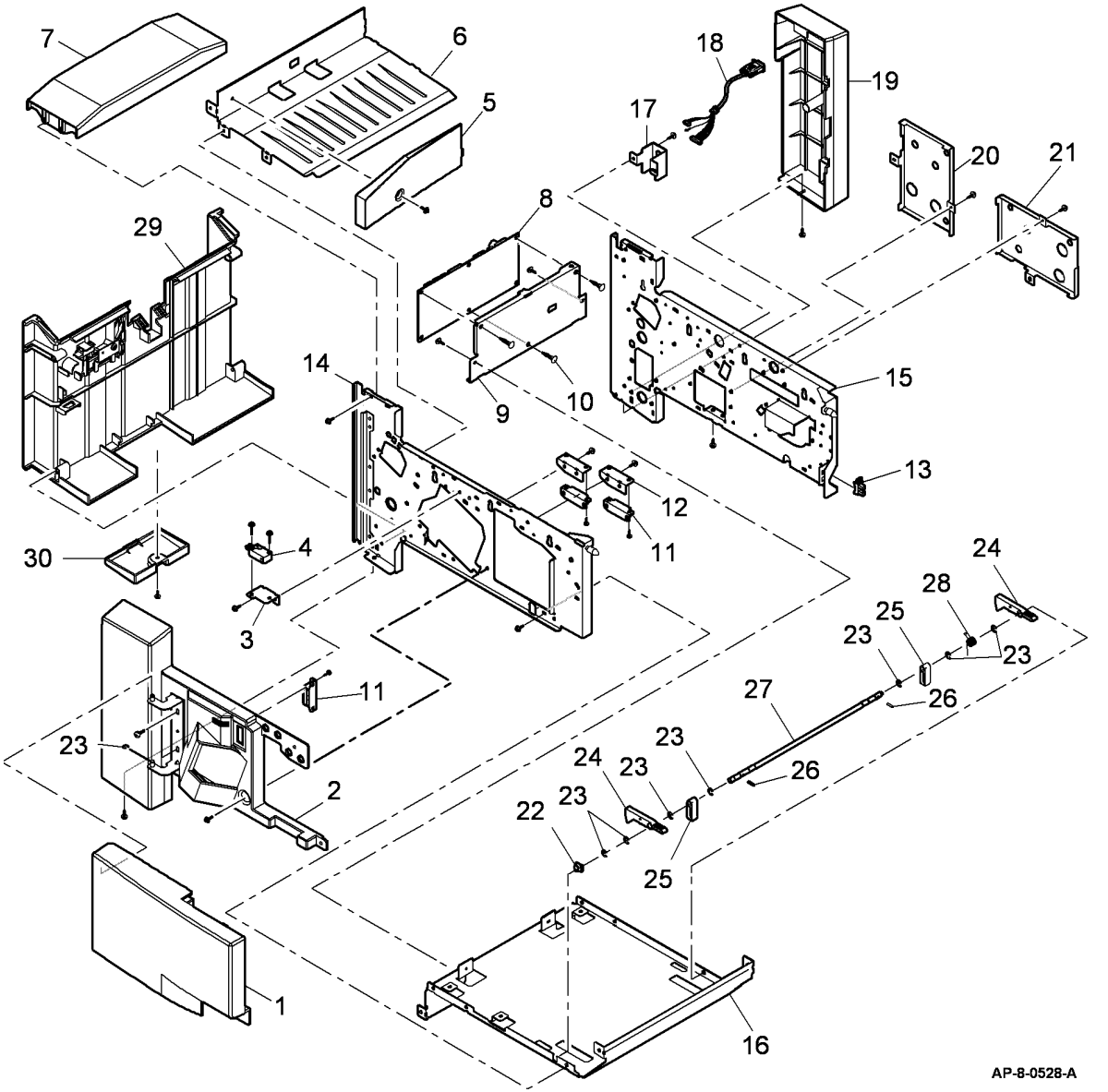
Item	Part	Description
1	–	Stripper finger spring (P/O PL 10.28 Item 1)
2	–	Stripper finger (P/O PL 10.28 Item 1)
3	–	Pin (P/O PL 10.28 Item 1)
4	–	Roll (P/O PL 10.28 Item 1)
5	–	Bracket (P/O PL 10.25 Item 1)
6	–	Gear (P/O PL 10.28 Item 1)
7	–	Ground strip (P/O PL 10.28 Item 1)
8	013N13885	Bearing (REP 10.7)
9	–	Heat roller collar (P/O PL 10.28 Item 1) (REP 10.7)
10	022N02372	Heat roller (See Note) (REP 10.7)
11	–	Heat roller bracket (P/O PL 10.28 Item 1)
12	–	Heat roller gear (P/O PL 10.28 Item 1)
13	122N00282	Heat lamp (220V) (XE) (REP 10.7)
–	122N00283	Heat lamp (110V) (USSG/XCL) (REP 10.7)
14	–	Input guide (P/O PL 10.28 Item 1)
15	–	Ground brush (P/O PL 10.28 Item 1)
16	–	Jam lever assembly (Right) (P/O PL 10.28 Item 1)
17	013N13847	Bearing (REP 10.7)
18	–	Jam lever assembly (Left) (P/O PL 10.28 Item 1)
19	006N01329	Cleaning shaft
20	–	Ground strip (P/O PL 10.28 Item 1)
21	–	Pressure bearing (P/O PL 10.28 Item 1)
22	–	Spring (P/O PL 10.28 Item 1)
23	–	Fuser cover (P/O PL 10.28 Item 1)
24	–	Ground strip cover (P/O PL 10.28 Item 1)
25	–	Ground strip (P/O PL 10.28 Item 1)
26	–	Stripper finger assembly (P/O PL 10.28 Item 1)
27	–	Roll assembly (P/O PL 10.28 Item 1)
28	–	Fuser assembly (P/O PL 10.28 Item 1)
29	–	Front heat lamp bracket (P/O PL 10.28 Item 1)
30	–	Rear heat lamp bracket (P/O PL 10.28 Item 1)
31	022N02374	Pressure roll (See Note)
32	–	Wire clip (P/O PL 10.28 Item 1)
33	030N00720	Gear and bracket assembly

NOTE: *HFSI. To reset the HFSI count, go to GP 16.*



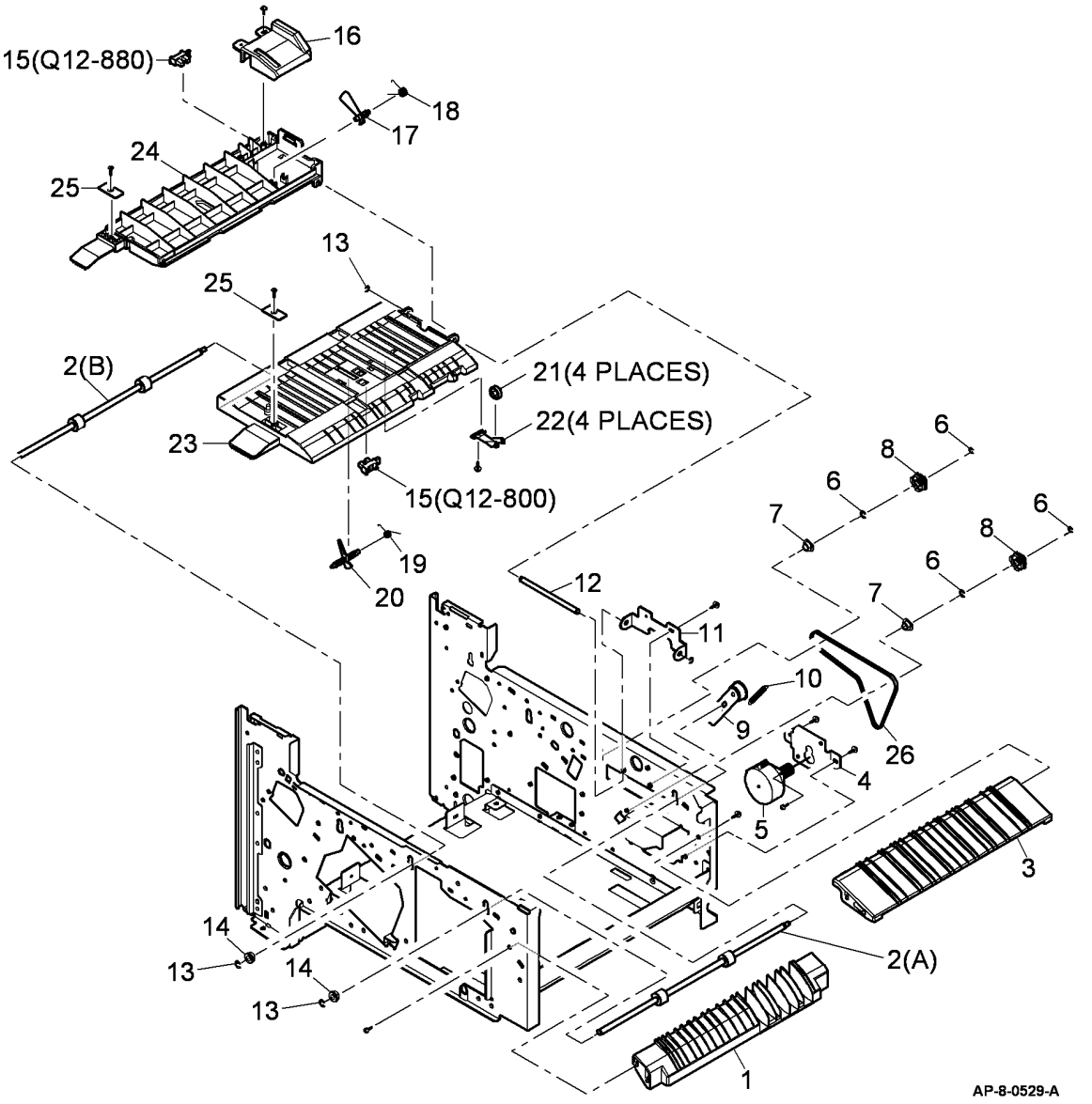
PL 12.10 Finisher Frame

Item	Part	Description
1	101N01389	Door
2	002N02626	Front cover
3	–	Interlock switch bracket (P/O PL 12.50 Item 1)
4	109N00655	Finisher door switch (S12-870)
5	101N01406	Top infill cover
6	–	Exit cover (P/O PL 12.50 Item 1)
7	002N02572	Top cover (REP 12.4)
8	140N63143	Finisher PWB (REP 12.2)
9	–	PWB bracket (P/O PL 12.50 Item 1)
10	–	Stand off (P/O PL 12.50 Item 1)
11	121N01131	Magnet
12	–	Magnet bracket (P/O PL 12.50 Item 1)
13	130N01274	IOT Set sensor (Q12-875)
14	–	Front side plate (P/O PL 12.50 Item 1)
15	–	Rear side plate (P/O PL 12.50 Item 1)
16	–	Base plate (P/O PL 12.50 Item 1)
17	–	Interface harness bracket (P/O PL 12.50 Item 1)
18	113N01304	Interface harness
19	002N02573	Rear cover (REP 12.4)
20	–	Exit belt cover (P/O PL 12.50 Item 1)
21	–	Entry belt cover (P/O PL 12.50 Item 1)
22	–	Bearing (P/O PL 12.50 Item 1)
23	–	E-Clip (Not Spared)
24	–	Hook (P/O PL 12.50 Item 1)
25	–	Guide (P/O PL 12.50 Item 1)
26	–	Pin (P/O PL 12.50 Item 1)
27	–	Shaft (P/O PL 12.50 Item 1)
28	–	Spring (P/O PL 12.50 Item 1)
29	–	Left cover assembly (P/O PL 12.50 Item 1)
30	–	PWB Access cover (P/O PL 12.50 Item 1)



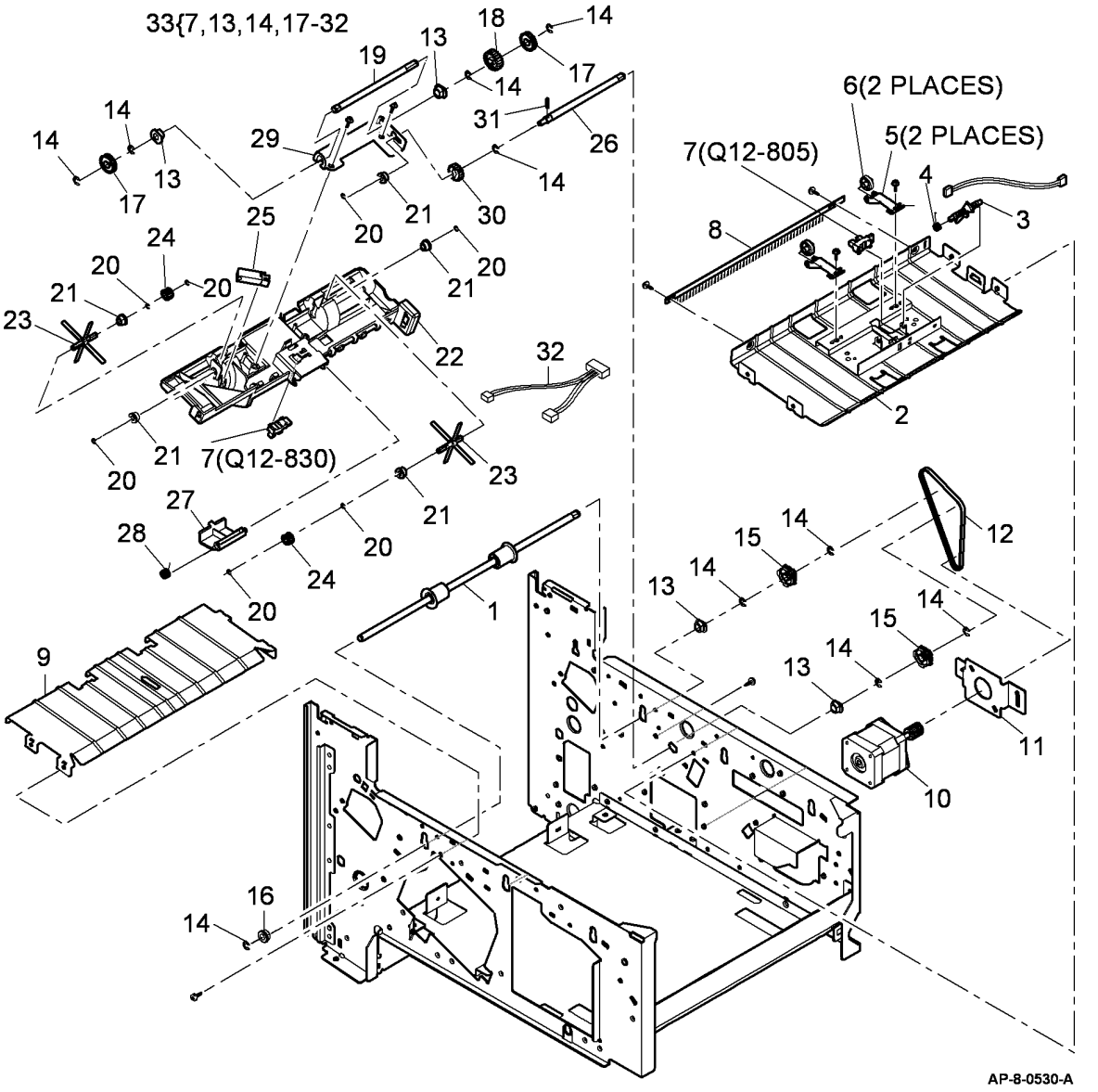
PL 12.15 Duplex and Entry Components

Item	Part	Description
1	–	Lower entry guide (P/O PL 12.50 Item 1)
2	022N02383	Entry roll (2A), Transport roll (2B) (P/O PL 12.50 Item 1) (4250/4260)
3	–	Upper entrance guide (P/O PL 12.50 Item 1)
4	–	Entry motor bracket (P/O PL 12.50 Item 1)
5	127N07484	Entrance motor (MOT12-100)
6	–	E-Clip (Not Spared)
7	–	Bearing (P/O PL 12.50 Item 1)
8	020N00821	Pulley
9	–	Belt tensioner (P/O PL 12.50 Item 1)
10	–	Spring (P/O PL 12.50 Item 1)
11	–	Hinge bracket (P/O PL 12.50 Item 1)
12	–	Hinge shaft (P/O PL 12.50 Item 1)
13	–	E-Clip (Not Spared)
14	–	Bearing (P/O PL 12.50 Item 1)
15	130N01274	Duplex paper sensor (Q12-880), Finisher entrance sensor (Q12-800)
16	–	Actuator cover (P/O PL 12.50 Item 1)
17	–	Duplex actuator (P/O PL 12.50 Item 1)
18	–	Spring (Duplex) (P/O PL 12.50 Item 1)
19	–	Spring (Entry) (P/O PL 12.50 Item 1)
20	–	Entry actuator (P/O PL 12.50 Item 1)
21	–	Idler (P/O PL 12.50 Item 1)
22	–	Leaf spring (P/O PL 12.50 Item 1)
23	–	Document entry guide (P/O PL 12.50 Item 1)
24	–	Duplex guide (P/O PL 12.50 Item 1)
25	–	Magnet catch plate (P/O PL 12.50 Item 1)
26	023N01155	Drive belt



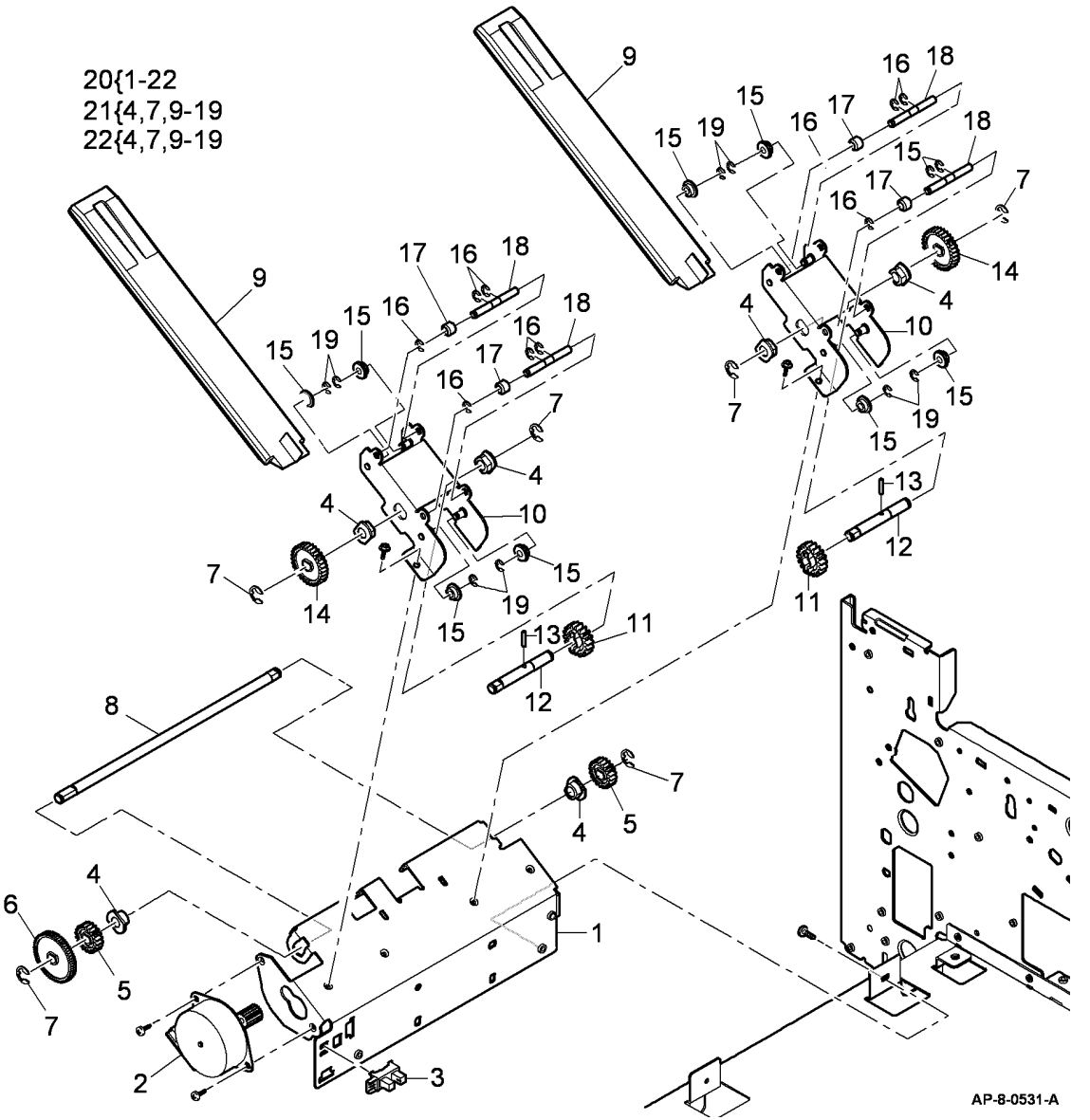
PL 12.20 Compiler and Exit Components

Item	Part	Description
1	022N02228	Exit roll (REP 12.3)
2	–	Upper exit guide (P/O PL 12.50 Item 1)
3	–	Actuator (P/O PL 12.50 Item 1)
4	–	Spring (P/O PL 12.50 Item 1)
5	–	Leaf spring (P/O PL 12.50 Item 1)
6	–	Idler (P/O PL 12.50 Item 1)
7	130N01274	Exit sensor (Q12-805) (REP 12.3), Ejector home sensor (Q12-830) (P/O PL 12.20 Item 33)
8	115N00860	Static eliminator
9	–	Lower exit guide (P/O PL 12.50 Item 1)
10	127N07483	Exit motor (MOT12-110)
11	–	Motor bracket (P/O PL 12.50 Item 1)
12	023N01154	Drive belt (REP 12.3)
13	–	Bearing (P/O PL 12.20 Item 33)
14	–	E-Clip (Not Spared)
15	–	Pulley (Not Spared)
16	–	Bearing (Not Spared)
17	–	Gear 34T (P/O PL 12.20 Item 33)
18	–	Gear 22T (P/O PL 12.20 Item 33)
19	–	Shaft (P/O PL 12.20 Item 33)
20	–	E-Clip (Not Spared)
21	–	Bearing (P/O PL 12.20 Item 33)
22	–	Compiler guide (P/O PL 12.20 Item 33)
23	–	Paddle (P/O PL 12.20 Item 33)
24	–	Paddle gear 18T (P/O PL 12.20 Item 33)
25	–	Paper detector sensor (Q12-865) (P/O PL 12.20 Item 33) (REP 12.3)
26	–	Shaft (P/O PL 12.20 Item 33)
27	–	Actuator (P/O PL 12.20 Item 33)
28	–	Spring (P/O PL 12.20 Item 33)
29	–	Paddle bracket (P/O PL 12.20 Item 33)
30	–	Gear 18T (P/O PL 12.20 Item 33)
31	–	Pin (P/O PL 12.20 Item 33)
32	–	Harness (P/O PL 12.20 Item 33)
33	022N02276	Compiler assembly (REP 12.5)



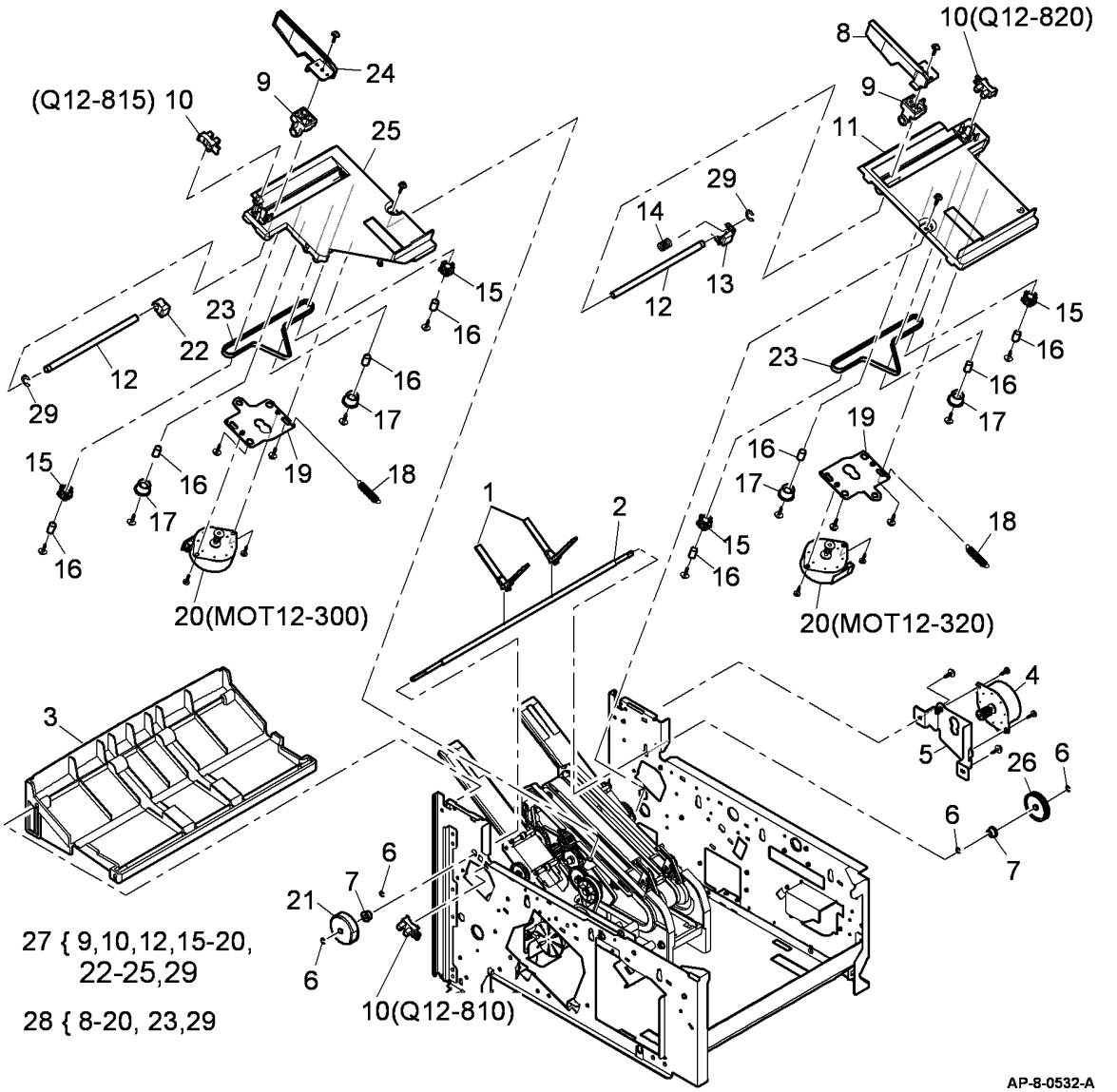
PL 12.25 Support Finger Assembly

Item	Part	Description
1	–	Bracket (P/O PL 12.25 Item 20)
2	127N07492	Support finger motor (MOT12-400) (REP 12.7)
3	130N01274	Ejector encoder sensor (Q12-835)
4	–	Bearing (P/O PL 12.25 Item 21) & (P/O PL 12.25 Item 22)
5	007N01492	Gear 20T
6	007N01493	Gear 60T
7	–	E-Clip (Not Spared)
8	–	Transport shaft (P/O PL 12.50 Item 1)
9	–	Support finger (P/O PL 12.25 Item 21) & (P/O PL 12.25 Item 22) (REP 12.6)
10	–	Bracket (P/O PL 12.25 Item 21) & (P/O PL 12.25 Item 22)
11	–	Pinion gear 18T (P/O PL 12.25 Item 21, PL 12.25 Item 22)
12	–	Pinion shaft (P/O PL 12.25 Item 21) & (P/O PL 12.25 Item 22)
13	–	Pin (P/O PL 12.25 Item 21) & (P/O PL 12.25 Item 22)
14	–	Gear 30T (P/O PL 12.25 Item 21, PL 12.25 Item 22)
15	–	Bearing (P/O PL 12.25 Item 21) & (P/O PL 12.25 Item 22)
16	–	E-Clip (Not Spared)
17	–	Roller (P/O PL 12.25 Item 21) & (P/O PL 12.25 Item 22)
18	–	Shaft (P/O PL 12.25 Item 21) & (P/O PL 12.25 Item 22)
19	–	E-Clip (Not Spared)
20	–	Support finger assembly (P/O PL 12.50 Item 1) (REP 12.7)
21	019N00922	Front support finger assembly (REP 12.6)
22	019N00923	Rear support finger assembly (REP 12.6)



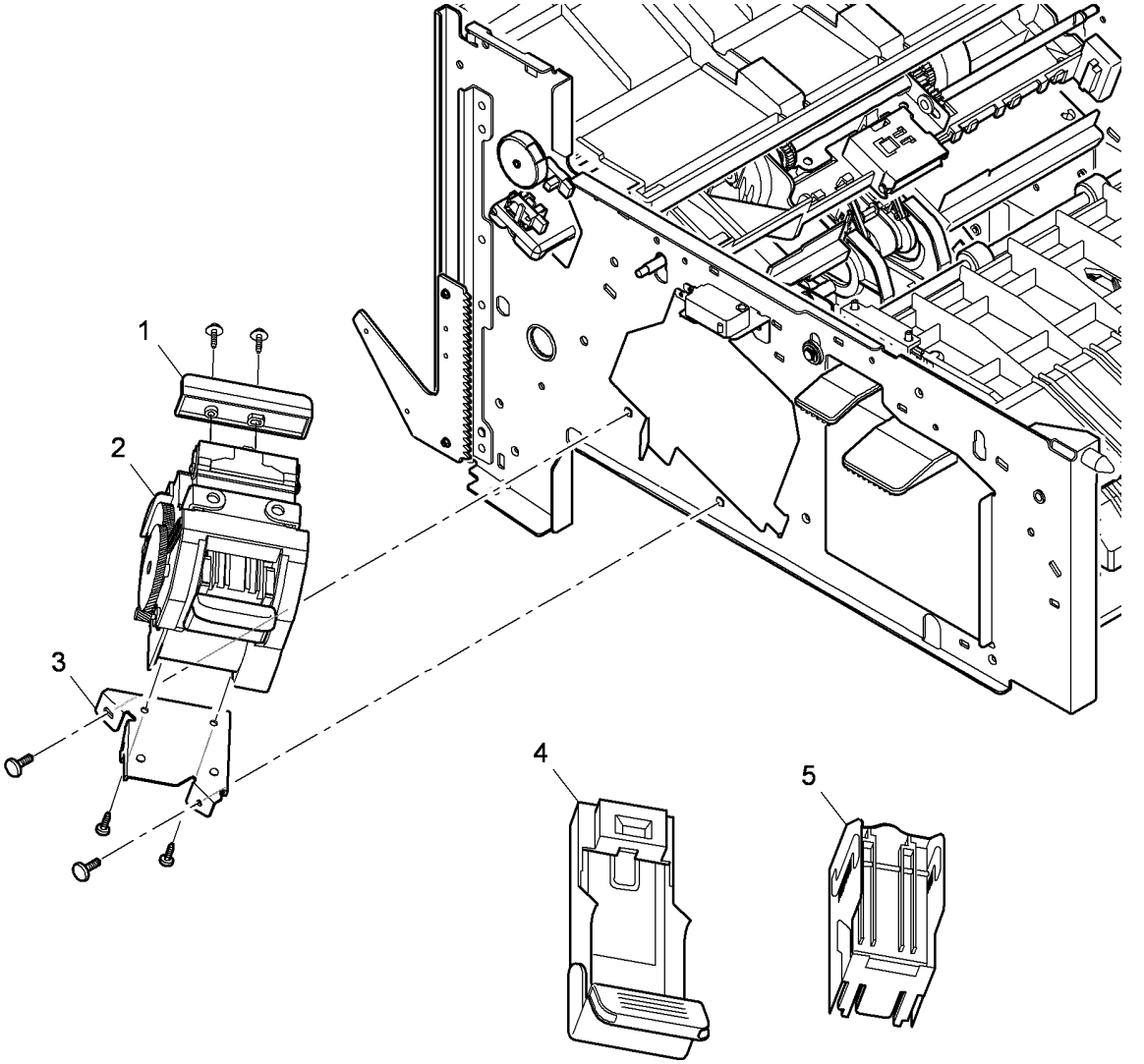
PL 12.30 Jogger and Paddle Assembly

Item	Part	Description
1	033N00239	Compiler exit paddles
2	–	Paddle shaft (P/O PL 12.50 Item 1)
3	–	Upper compiler cover (P/O PL 12.50 Item 1)
4	127N07492	Paddle motor (MOT 12-200)
5	–	Paddle motor bracket (P/O PL 12.50 Item 1)
6	–	E-Clip (Not Spared)
7	–	Bearing (P/O PL 12.50 Item 1)
8	–	Rear jogger arm (P/O PL 12.30 Item 28)
9	–	Jogger bush (P/O PL 12.30 Item 27) & (PL 12.30 Item 28)
10	130N01274	Paddle home sensor (Q2-810), Front jogger home sensor (Q12-815), Rear jogger home sensor (Q12-820)
11	–	Compiler rear frame (P/O PL 12.50 Item 1)
12	–	Jogger shaft (P/O PL 12.30 Item 27) & (PL 12.30 Item 28)
13	–	Rear belt holder (P/O PL 12.30 Item 28)
14	–	Jogger spring (P/O PL 12.30 Item 28)
15	–	Timing pulley (P/O PL 12.30 Item 27) & (PL 12.30 Item 28)
16	–	Pivot tube (P/O PL 12.30 Item 27) & (PL 12.30 Item 28)
17	–	Idler (P/O PL 12.30 Item 27) & (PL 12.30 Item 28)
18	–	Spring (P/O PL 12.30 Item 27) & (PL 12.30 Item 28)
19	–	Jogger motor bracket (P/O PL 12.30 Item 27) & (PL 12.30 Item 28)
20	–	Front jogger motor (MOT12-300) (P/O PL 12.30 Item 27), Rear jogger motor (MOT12-320) (P/O PL 12.30 Item 28)
21	–	Paddle home actuator (P/O PL 12.50 Item 1)
22	–	Belt holder front (P/O PL 12.30 Item 27)
23	023N01153	Jogger belt (REP 12.8)
24	–	Front jogger arm (P/O PL 12.30 Item 27)
25	–	Compiler front frame (P/O PL 12.30 Item 27)
26	007N01497	Paddle gear 56T
27	038N00494	Front jogger assembly (4150) (REP 12.5)
–	019N00973	Front jogger assembly (4250/4260) (REP 12.5)
28	038N00493	Rear jogger assembly (4150) (REP 12.5)
–	019N00972	Rear jogger assembly (4250/4260) (REP 12.5)
29	–	E-Clip (Not Spared)



PL 12.35 Stapler Assembly

Item	Part	Description
1	–	Stapler guide (P/O PL 12.50 Item 1)
2	029N00373	Stapler assembly
3	–	Stapler bracket (P/O PL 12.50 Item 1)
4	029N00371	Stapler Cartridge
5	–	Finisher staple refill (P/O PL 26.10 Item 6)



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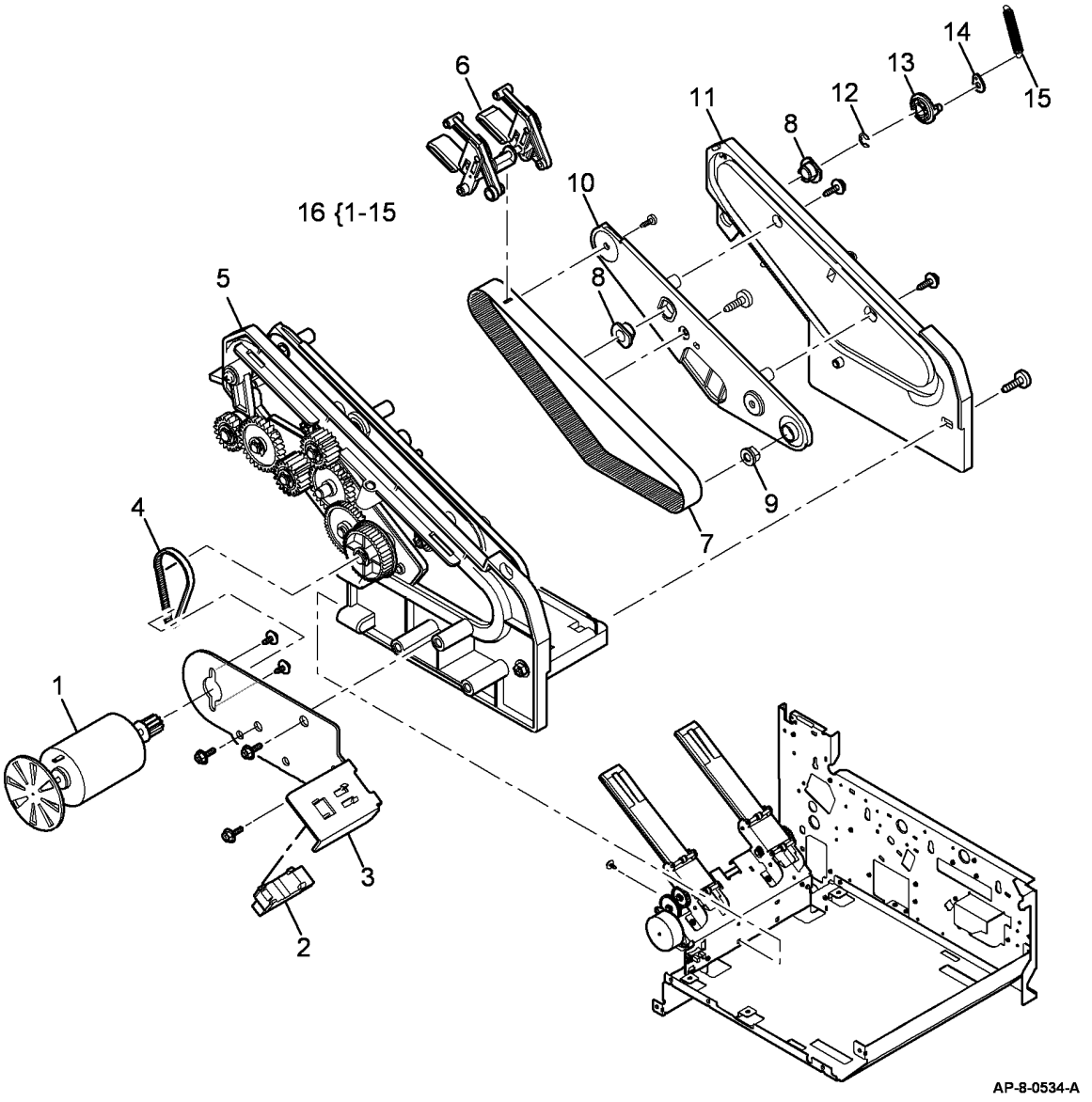
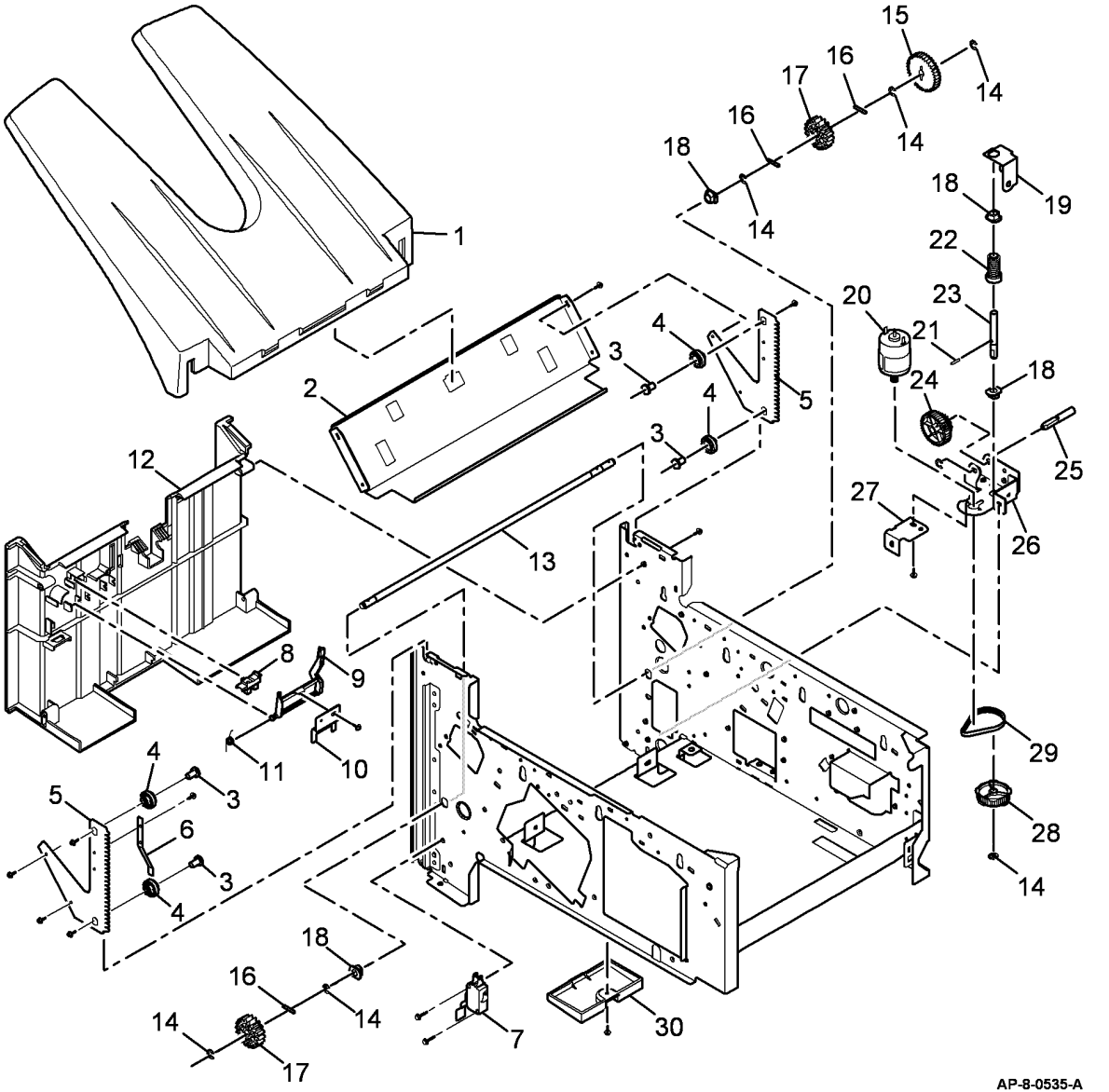
PL 12.40 Ejector Assembly

Item	Part	Description
1	127N07493	Ejector motor (MOT 12-500) (REP 12.7)
2	130N01274	Support finger home sensor (Q 12-825)
3	–	Motor bracket (P/O PL 12.40 Item 16)
4	–	Drive belt (P/O PL 12.40 Item 16)
5	–	Eject unit (P/O PL 12.40 Item 16)
6	–	Document grip assembly (P/O PL 12.40 Item 16)
7	–	Ejector belt (P/O PL 12.40 Item 16)
8	–	Bearing (P/O PL 12.40 Item 16)
9	–	Bearing (P/O PL 12.40 Item 16)
10	–	Ejector belt rear cover (P/O PL 12.40 Item 16)
11	–	Ejector rear frame (P/O PL 12.40 Item 16)
12	–	E-Clip (Not Spared)
13	–	Cam (P/O PL 12.40 Item 16)
14	–	Link (P/O PL 12.40 Item 16)
15	–	Spring (P/O PL 12.40 Item 16)
16	019N00924	Ejector assembly (REP 12.7)



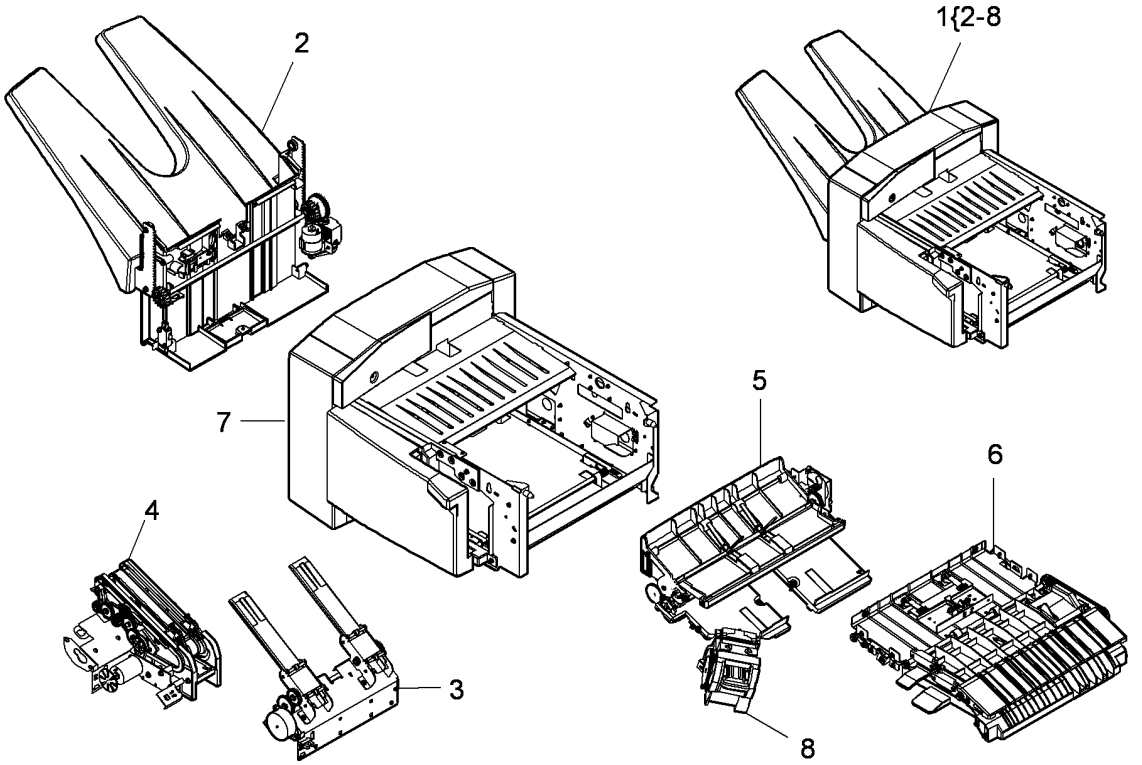
PL 12.45 Stacker Assembly

Item	Part	Description
1	050N00489	Stacker tray
2	–	Tray support (P/O PL 12.50 Item 1)
3	–	Stud (P/O PL 12.50 Item 1)
4	–	Roller (P/O PL 12.50 Item 1)
5	–	Rack bracket (P/O PL 12.50 Item 1)
6	–	Grounding strip (P/O PL 12.50 Item 1)
7	050N00490	Stacker bottom switch (S12-845)
8	130N01274	Stacker top sensor (Q12-840)
9	–	Actuator (P/O PL 12.50 Item 1)
10	–	Retainer (P/O PL 12.50 Item 1)
11	–	spring (P/O PL 12.50 Item 1)
12	–	Left cover (P/O PL 12.50 Item 1)
13	–	Drive shaft (P/O PL 12.50 Item 1)
14	–	E-Clip (Not Spared)
15	007N01491	Gear 35T (REP 12.9)
16	–	Pin (2x14) (P/O PL 12.50 Item 1)
17	007N01490	Pinion gear (REP 12.9)
18	–	Bearing (P/O PL 12.50 Item 1)
19	–	Worm gear bracket (P/O PL 12.50 Item 1)
20	127N07494	Stacker tray motor (MOT 12-600) (REP 12.9)
21	–	Pin (2x10) (P/O PL 12.50 Item 1)
22	050N00491	Worm gear (REP 12.9)
23	–	Shaft (P/O PL 12.50 Item 1)
24	020N00828	Worm wheel (REP 12.9)
25	–	Worm shaft (P/O PL 12.50 Item 1)
26	–	Motor bracket (P/O PL 12.50 Item 1)
27	–	Motor support bracket (P/O PL 12.50 Item 1)
28	–	Pulley (P/O PL 12.50 Item 1)
29	023N01156	Belt (REP 12.9)
30	–	PWB access cover (P/O PL 12.50 Item 1)



PL 12.50 Finisher Assembly

Item	Part	Description
1	050N00504	Finisher assembly (complete) (4150)
–	101N01425	Finisher assembly (complete) (4250/4260)
2	–	Stacker assembly (REF: PL 12.45)
3	–	Support finger assembly (REF: PL 12.25)
4	–	Ejector assembly (REF: PL 12.40)
5	–	Jogger and Paddle assembly (REF: PL 12.30)
6	–	Duplex and Entry components (REF: PL 12.15)
7	–	Finisher frame (REF: PL 12.10)
8	–	Stapler assembly (REF: PL 12.35)



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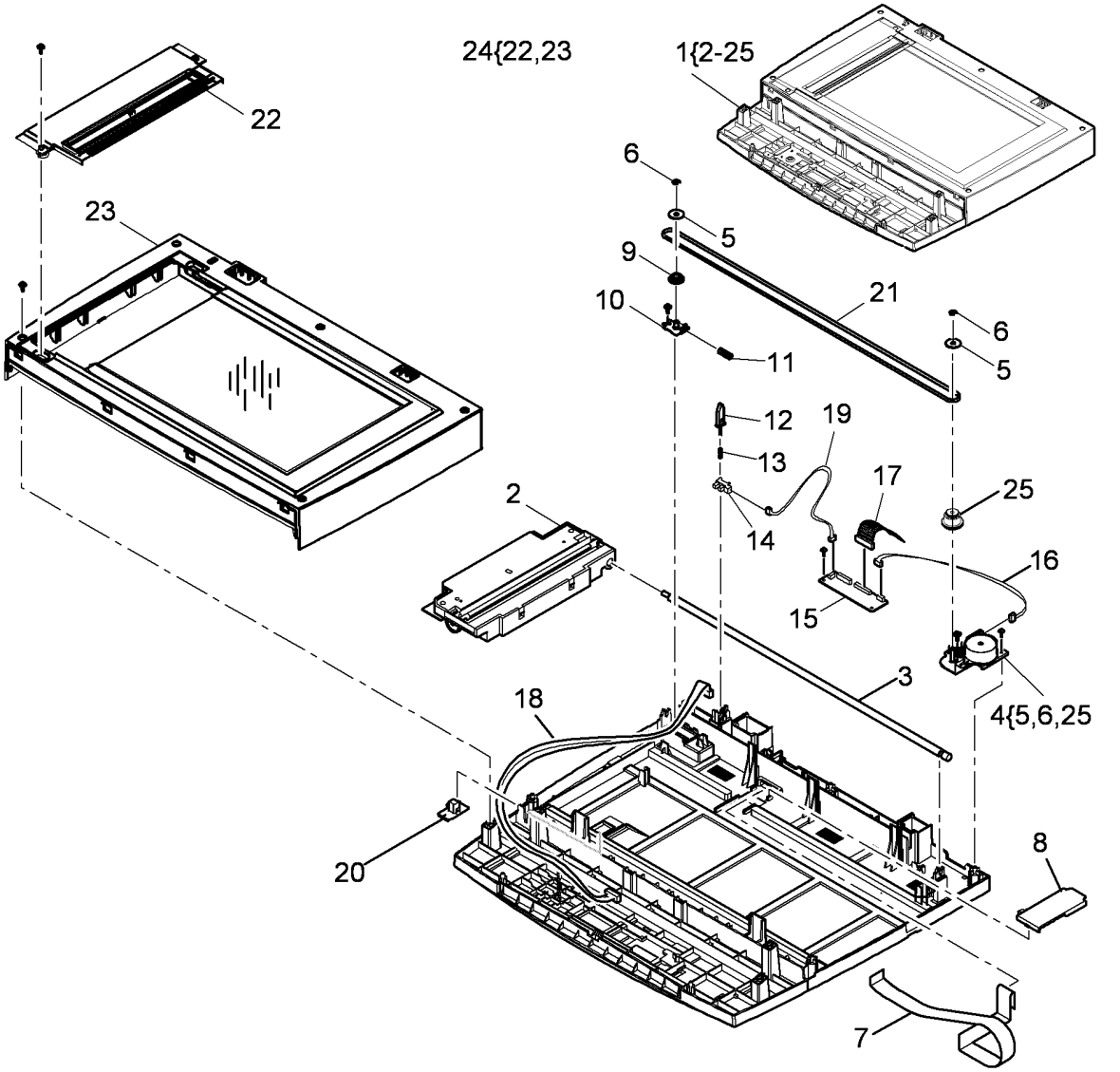
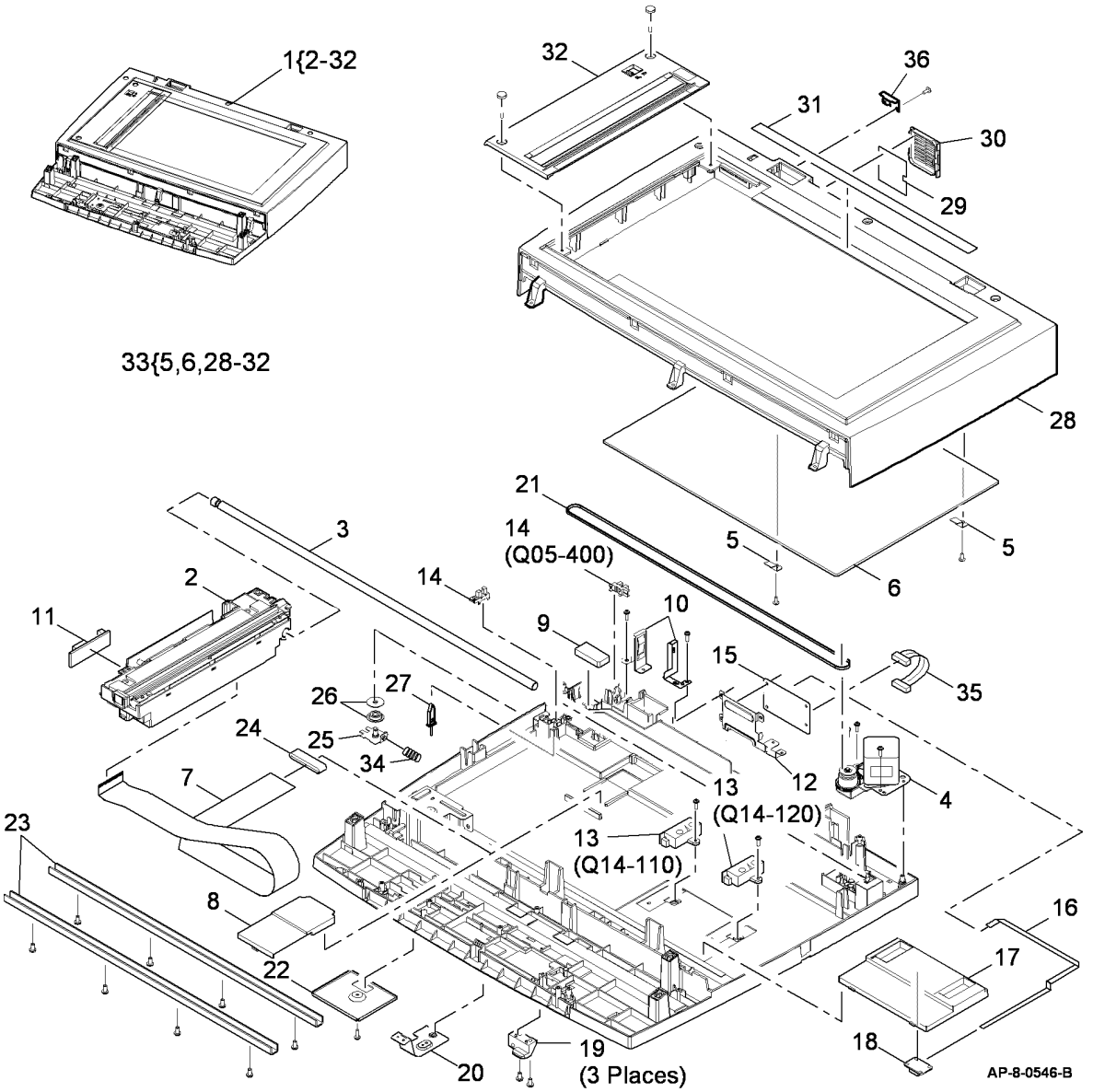
PL 14.10 Scanner Module and CVT/ Document Glass (4150)

Item	Part	Description
1	002N02559	Scanner assembly (REP 14.1)
2	101N01399	CCD module (REP 14.2)
3	–	Shaft (P/O PL 14.10 Item 1)
4	127N07496	Scan motor assembly (REP 14.2)
5	–	Sheave (P/O PL 14.10 Item 4)
6	–	E-clip (Not Spared)
7	109N00656	CCD ribbon cable (REP 14.2)
8	–	Ribbon cable cover (P/O PL 14.10 Item 1)
9	020N00830	Drive belt pulley (REP 14.2)
10	–	Pulley seat (P/O PL 14.10 Item 1)
11	009N01616	Pulley spring
12	–	Platen cover sensor actuator (P/O PL 14.10 Item 1) (REP 14.2)
13	–	Spring (P/O PL 14.10 Item 1)
14	130N01274	Platen cover sensor (Q05-400) (REP 14.2)
15	140N63149	Scanner PWB (REP 14.2)
16	–	Drive motor harness (P/O PL 14.10 Item 1)
17	152N11716	Scanner harness
18	152N11717	GUI harness (P/O PL 14.10 Item 1)
19	–	Platen cover sensor harness (P/O PL 14.10 Item 1)
20	–	Scanner lock switch (P/O PL 14.10 Item 1)
21	023N00954	Scanner drive belt (REP 14.2)
22	002N02582	CVT glass assembly
23	–	Scanner top cover (P/O PL 14.10 Item 24) (REP 14.2)
24	002N02581	Scanner top cover assembly (REP 14.2)
25	007N01537	Timing gear (REP 14.2)



PL 14.13 Scanner Module and CVT/ Document Glass (4250/4260)

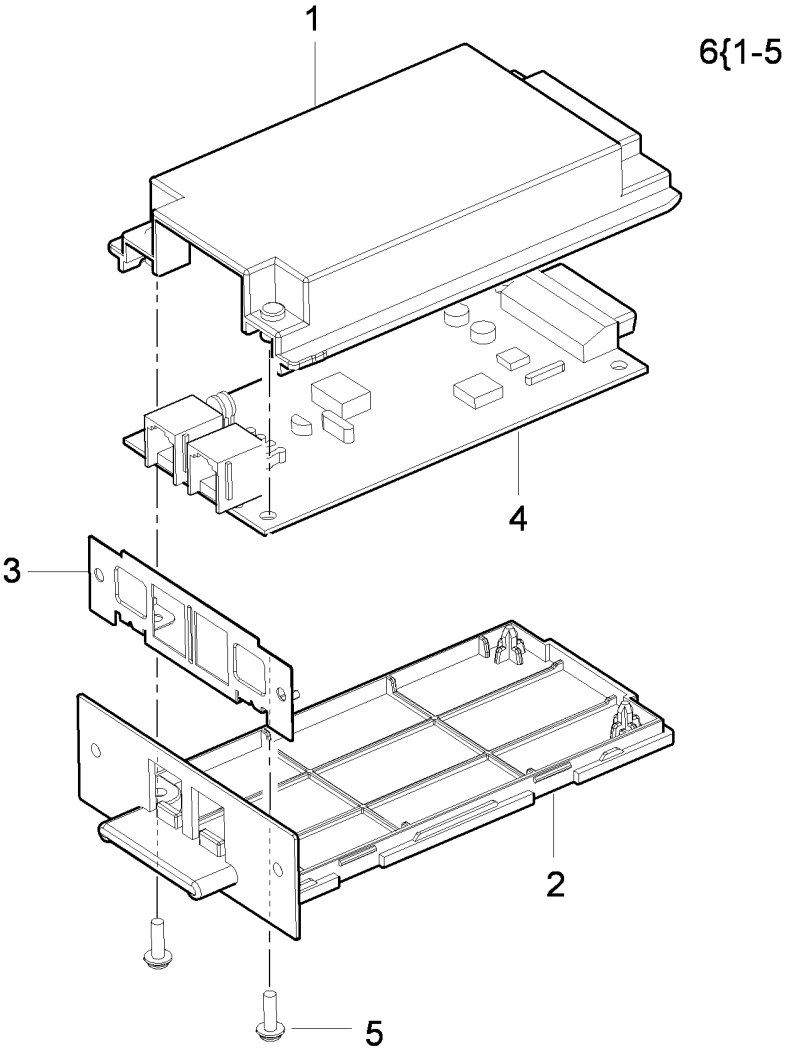
Item	Part	Description
1	002N02808	Scanner assembly (REP 14.3)
2	002N02813	CCD module (REP 14.4)
3	–	Shaft (P/O PL 14.13 Item 1)
4	127N07598	Scan motor assembly (MOT14-130) (REP 14.4)
5	–	Platen fixing (P/O PL 14.13 Item 33)
6	–	Platen glass (P/O PL 14.13 Item 33)
7	–	CCD ribbon cable (P/O PL 14.13 Item 1) (REP 14.4)
8	–	Ribbon cable cover (P/O PL 14.13 Item 1)
9	–	Static eliminator (P/O PL 14.13 Item 1)
10	–	Ground strip (P/O PL 14.13 Item 1)
11	–	CCD module PWB (P/O PL 14.13 Item 2) (REP 14.4)
12	–	Scanner PWB bracket (P/O PL 14.13 Item 1)
13	130N01563	Document size sensor 1 (Q14-110), Document size sensor 2 (Q14-120) (REP 14.4)
14	130N01274	Platen cover sensor (Q05-400)/ CCD module home sensor (REP 14.4)
15	140N63355	Scanner PWB (REP 14.4)
16	–	Paper length sensors harness (P/O PL 14.13 Item 1)
17	–	Size detect sensors cover (P/O PL 14.13 Item 1)
18	–	Paper length sensor PWB (P/O PL 14.13 Item 1)
19	–	Fastener (P/O PL 14.13 Item 1)
20	–	Bracket (P/O PL 14.13 Item 1)
21	023N00954	Scanner drive belt (REP 14.4)
22	–	Cover (P/O PL 14.13 Item 1)
23	–	Support rail (P/O PL 14.13 Item 1)
24	–	Ferrite (P/O PL 14.13 Item 1)
25	–	Pulley seat (P/O PL 14.13 Item 1)
26	020N00830	Drive belt pulley (REP 14.4)
27	–	Platen cover sensor actuator (P/O PL 14.13 Item 1)
28	–	Scanner top cover (P/O PL 14.13 Item 33) (REP 14.4)
29	–	Plastic sheet (P/O PL 14.13 Item 33)
30	–	Fan cover (P/O PL 14.13 Item 33)
31	–	Paper register guide (P/O PL 14.13 Item 33)
32	002N02867	CVT glass assembly
33	002N02814	Scanner top cover assembly (REP 14.4)
34	009N01616	Spring
35	152N11782	Scanner PWB to main PWB harness
36	–	DADF retaining bracket (4250)



PL 20.10 FAX Assembly

Item	Part	Description
1	–	Upper cover (P/O PL 20.10 Item 6)
2	–	Lower cover (P/O PL 20.10 Item 6)
3	–	Bracket (P/O PL 20.10 Item 6)
4	140N63274	FAX PWB (serial) (4150)
–	140N63142	FAX PWB (parallel) (4150)
–	140N63358	FAX PWB (serial) (4250/4260)
–	140N63357	FAX PWB (parallel) (4250/4260)
5	–	Screw (P/O PL 20.10 Item 6)
6	–	FAX module (Not Spared) (See Note)

NOTE: *For FAX kits, see PL 31.10 Item 1.*



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PL 26.10 Consumables and Tools

Item	Part	Description
1	600T02252	Ethernet crossover cable (PWS to network controller)
2	600T02299	Slim Phillips screwdriver #2
3	499T00355	Magnetic screwdriver w/ standard Handle #2
4	106R01408	Toner cartridge (Worldwide Metered / PagePack) (4250/4260)
–	106R01410	Toner cartridge (DMO Sold) (4250/4260)
–	106R01409	Toner cartridge (NA/XE Sold) (4250/4260)
–	006R01274	Toner cartridge (Worldwide Metered/PagePack) (4150)
–	006R01275	Toner cartridge (NA/XE Sold) (4150)
–	006R01276	Toner cartridge (DMO Sold) (4150)
5	013R00623	SMart Kit Drum (4150)
–	113R00755	SMart Kit Drum (4250/4260)
6	008R12941	Staple cartridge
7	108R00823	Finisher staple refill

NO EXPLODED VIEW PROVIDED

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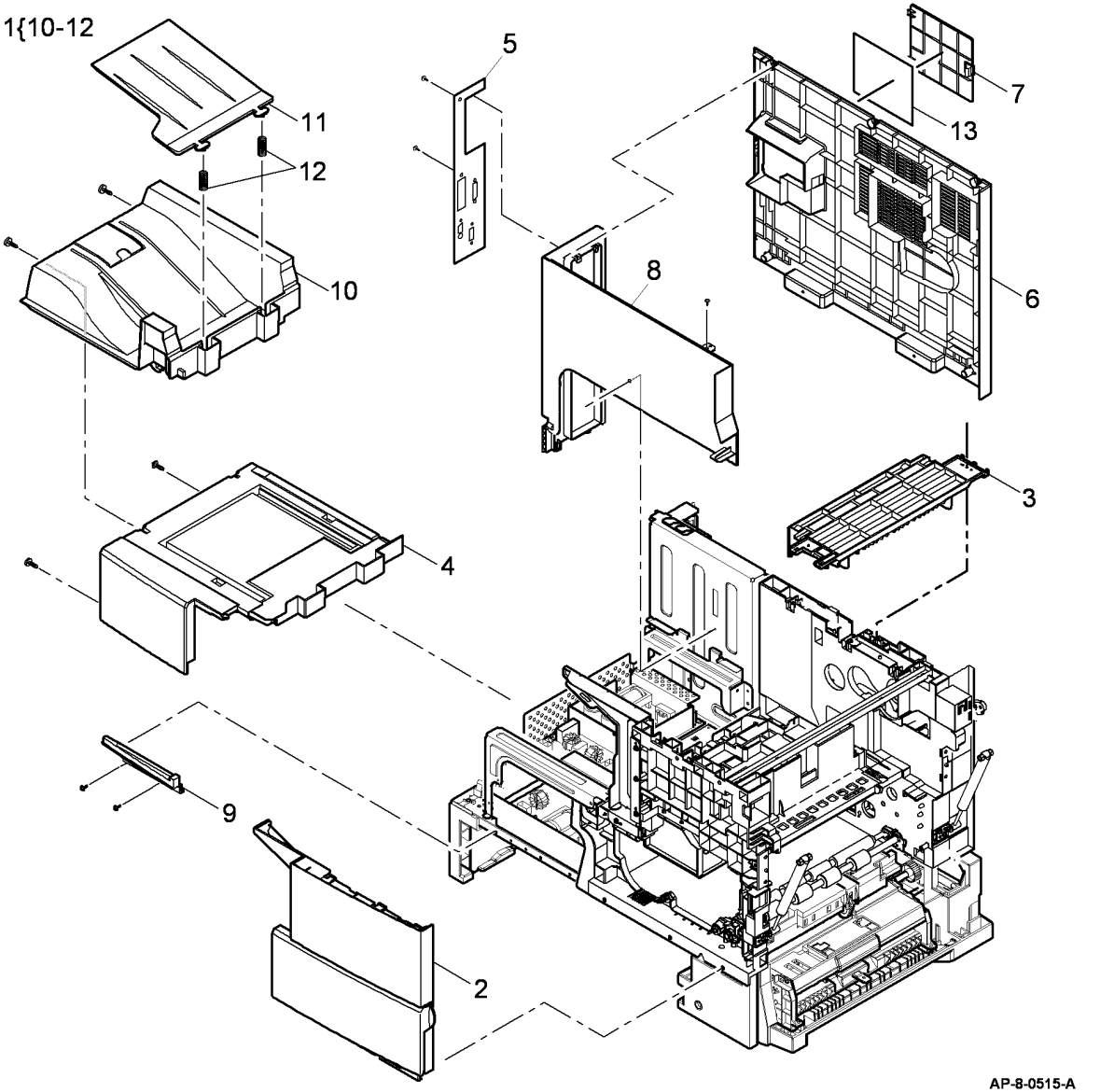
PL 28.10 Covers

Item	Part	Description
1	002N02564	Exit tray assembly
2	002N02565	Front door assembly
3	002N02566	Exit guide assembly (REP 10.2)
4	002N02567	Paper exit cover
5	002N02568	Infill cover (4150)
–	002N02890	Infill cover (4250)
–	002N02861	Infill cover (4260)
6	002N02569	Rear cover (4150)
–	002N02862	Rear cover (4250/4260)
7	002N02570	Rear access cover
8	–	Rear exit cover (Not Spared) (REP 4.2)
9	–	Front infill cover (Not Spared)
10	–	Tray (P/O PL 28.10 Item 1)
11	–	Lower tray (P/O PL 28.10 Item 1)
12	009N01593	Spring (P/O PL 28.10 Item 1)
13	053N00297	Filter

NOTE: *Refer to PL 12.10 and PL 12.45 for the finisher covers.*



PL 31.10 Maintenance/Installation/ Removal Kits

Item	Part	Description
1	097N01686	Fax kit (Serial) (see Note)
–	097N01685	Fax kit (Parallel) (see Note)
2	097S03772	Foreign device interface kit (4150)
–	097N01676	Foreign device interface kit (4250/ 4260)

NOTE: *For the FAX module, see PL 20.10 Item 6.*

NO EXPLODED VIEW PROVIDED

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6 General Procedures/Information

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GP 1 Diagnostics Entry

Purpose

This procedure describes the items that follow:

- How to Enter Diagnostics.
- Diagnostic Screen.
- How to Exit From Diagnostics.

NOTE: *When the diagnostic mode is entered, all existing copy jobs are cancelled. If the machine is networked, the current job will be completed before diagnostic mode is entered. All scheduled jobs will be held in a queue due to the machine being offline.*

Procedure

How to Enter Diagnostics

1. Switch on the machine.
2. **(4150)** When the machine is in the ready state, press and hold the # key, then press the **Access** key. The Diagnostic Login window will open.
3. **(4250/4260)** When the machine is in the ready state, press and hold the # key, then press the **Log In/Out** key. The Diagnostic Login window will open.
4. Enter the password (default is 1934). Touch the Enter button on the UI.

   NOTE: *Press the C Key to clear an incorrect entry. Three incorrect entries will cause the entry screen to lock for three minutes.*

5. The Diagnostic Screen will be displayed.
6. To exit diagnostics, refer to How to Exit From Diagnostics.

Diagnostic Screen

The Diagnostic screen gives access to the diagnostic menu, refer to Table 1. The diagnostic routines available are:

Copier Routines:

- dC131 NVM Read/Write.
- dC132 NVM Initialization - Copier
- dC305 UI Test.
- dC330 Component Control.

Network Routines:

- dC132 NVM Initialization - Network.

Fax Routines:

- dC109 Embedded Fax Protocol Report.
- dC131 NVM Read/Write.
- dC132 NVM Initialization - Fax Card.
- dC330 Component Control.

Other Routines:

- dC001 Reset Auditron Master PIN
- dC606 Print Test Patterns
- Shading Test (GP 15)
- Scan Edge Print (GP 18)
- Memory Clear
- Set Machine Serial Number (4250/4260)
- Format Hard Disk (4250/4260)

How to Exit From Diagnostics

1. Touch the Exit button to exit from the dC procedures.
2. Touch the Call Closeout button to exit diagnostics.
3. When the Call Closeout window is displayed, the options that follow are available:
   - Reset All Counters. The default is No. If the Yes button is touched, the counters that follow are reset:
     - Error Messages.
     - Last 40 Error Messages.
     - Total Images made after the last service call.
   - Reboot copier. The default is Yes. Image processor, IOT, scanner, UI, DADF and Finisher are rebooted. Touch the No button if the machine reboot is not needed.

     NOTE: *If the machine is not rebooted, the exit time from diagnostics is decreased.*

4. Touch the Closeout button to complete the exit procedure.

Table 1 Diagnostic menu

1st Level	2nd Level	3rd Level	4th Level
Service Info (GP 11)	HFSI	Reset / Edit	-
-	Software Versions	-	***NOTE:*** *Only the categories for the installed options are displayed.*
-	Usage Counters	Display Usage Counters	-
-	-	Modify Displayed Billing Counters	-
-	Machine Serial No.:	-	-
-	Images Since Last Call:	-	-
-	Network IP Address:	-	-
-	System Administrator Passcode	-	-
Fault History	Fault Log	View Fault Details	-
-	-	Erase History	-
-	-	Order by Time / Order by Code	-
-	Fault Counters	Non Zero Fault Counters / All Fault Counters	-
-	-	Fault Chain	01 Electrical
-	-	-	03 Run Control
-	-	-	04 Drives and Fans
-	-	-	05 DADF
-	-	-	06 LSU (ROS)
-	-	-	07 Paper Tray
-	-	-	08 Paper Feed
-	-	-	09 Xerography
-	-	-	10 Fusing
-	-	-	12 Finisher
-	-	-	15 Scan to Email
-	-	-	16 Network Controller
-	-	-	17 Network
-	-	-	20 Fax
Diagnostic Routines	Copier Routines	dC131 NVM Read/Write	-
-	-	dC132 NVM Initialization - Copier	All Copier NVM
-	-	-	Machine Variable NVM
-	-	-	SA/KO Dust Off
-	-	-	System Counters Dust Off
-	-	dC305 UI Test	User Interface Button Test
-	-	-	Audio Tone Test
-	-	-	LED Indicator Test
-	-	-	Touch Area Test
-	-	-	Display Pixel Test
-	-	-	Video Memory Test
-	-	-	Reset User Interface

Table 1 Diagnostic menu

1st Level	2nd Level	3rd Level	4th Level
-	-	-	Application Checksum Verification
		-	Touch Screen Calibration
-	-	dC330 Component Control	-
-	Network Routines	dC132 NVM Initialization - Network	All Network NVM
-	Fax dC Routines	dC109 Protocol Report	-
-	-	dC131 NVM Read/Write	-
-	-	dC132 NVM Initialisation - Fax Card	Kill All
-	-	-	All Fax Directories
-	-	-	Fax Job NVM
-	-	-	Fax Configuration NVM
-	-	-	Fax SA/KO Settings NVM
-	-	dC330 Component Control	-
-	Other Routines	dC001 Reset Auditron Master PIN	-
-	-	dC606 Print Test Patterns	1-19
-	-	Shading Test (GP 15)	Shade and Print Report
-	-	-	Print Last Shade Report
-	-	Scan Edge Print (GP 18)	-
-	-	Memory Clear (GP 19)	Memory Clear
-	-	Set Machine Serial Number (4250/4260) (GP 21)	-
-	-	Format Hard Disk (4250/4260) (GP 20)	Format Hard Disk

GP 2 Fault Codes and History Files

Purpose

To explain the chain code structure and describe fault history contents.

Description

- To access some history files from the UI, refer to GP 3 machine Status.
- To view all the machine fault history, clear the last 40 faults, or reset each of the fault counters, refer to Diagnostics Fault History.
- For information on fault codes, refer to Function and Fault Codes.

Procedure

1. Enter diagnostics, GP 1.
2. Select the **Fault History** tab.
3. Select **Fault Log** or **Fault Counters** button as appropriate and follow the on screen instructions.

Function and Fault Codes

Refer to Table 1 Function and fault code prefixes. Also known as the chain code.

NOTE: *Where possible, the component related fault codes are the same as the component control codes.*

Table 1 Function and fault code prefixes

Chain Code	Function
01	Electrical
03	Run control
04	Drives and fans
05	DADF
06	LSU (ROS)
07	Paper tray
08	Paper feed
09	Xerography
10	Fusing
12	Finisher
15	Scan to Email
16	Network Controller
17	Network
20	Fax

Machine Status Button Fault History

The most recent fault and status codes can be displayed on the UI. Press the **Machine Status** key, refer to GP 3. Touch the 'Error Messages' tab on the UI, then select, as appropriate:

- All Faults.
- Active Messages - status codes and a status message.
- Event Log.

Diagnostics Fault History

Description

The diagnostics Fault History window contains two options:

1. Fault Log - Displays the faults in time or code order. Displays a selected fault in detail. Permits deletion of the entire history file.
2. Fault Counters - Displays the title buttons for the faults separated into chains. Selection of a chain will display the fault detail.

NOTE: *. Categories that do not exist on the machine will not be displayed.*

GP 3 Machine Status

Purpose

To describe the machine information that is available.

Procedure

Go to the relevant section:

- 4150 Machine Information
- 4250/4260 Machine Information

4150 Machine Information

Perform the following:

1. Press the **Machine Status** key.
2. Navigate to the required option, refer to Table 1.

Table 1 Machine status

Function	Level 1	Level 2	Level 3
Machine Information	Serial Number		
	Total Impressions		
	Machine Details	Customer Support	
		Supplies Number	
		Machine Serial Number	
		System Serial Number	
		System Software Version	
		Customer Asset TAG Number	
		Xerox Asset TAG Number	
		Machine Hardware Options Configuration	
		Machine Software Versions	
	Usage Counters	Marking Meters	
	Paper Tray Status	Tray Status	
	Print Reports (GP 5)	Call For Assistance	
		Help List	
		Error Messages	
		Last 40 Error Messages	
		System Configuration	
		All Above Reports	
		Accounting Reports	Auditron
			Xerox Standard Accounting Reports
			All Accounting Reports
		Email Reports	Email Send

Table 1 Machine status

Function	Level 1	Level 2	Level 3
			Email Confirmation
			User Authentication
			Local Address Book Members
			Group Address Book Member
			All Email Reports
Error Messages	All Faults	Fault Description	
	Active Messages		
	Event Log	Order By Time / Order By Code	
Service information	Supply / Measure / Count		

4250/4260 Machine Information

Perform the following:

1. Press the **Machine Status** key.
2. Navigate to the required option, refer to Table 2.

Table 2 Machine status

Function	1st Level	2nd Level
Machine Information	General Information	Customer Support
-	-	Machine Serial Number
-	-	System Software Version
-	Network Information	IP Address
-	-	Host Name
-	-	Fax Numbers
-	Paper Tray Status	-
-	Information Pages (GP 5)	Call For Assistance
-	-	Help List
-	-	Error Messages
-	-	Last 40 Error Messages
-	-	System Configuration
-	-	E-mail Send
-	-	User Authentication
-	-	Local Address Book Members
-	-	Group Address Book Members
-	-	All Above Reports
-	-	Fax Phone Book
-	-	Fax Transmission
-	-	Fax Receive

Table 2 Machine status

Function	1st Level	2nd Level
-	-	Fax Broadcast
-	-	Fax Protocol
-	-	Fax Multipoll
-	-	Junk Fax List
-	-	Pending Jobs
-	-	Fax Options
-	Machine Details	Customer Support
-	-	Supplies Number
-	-	Machine Serial Number
-	-	System Software Version
-	-	Customer Asset Tag Number
-	-	Xerox Asset Tag Number
-	-	Machine Hardware Options
-	-	Machine Software Versions
-	Usage Counters	-
Faults	All Faults	Fault Description
-	Active Messages	-
-	Event Log	Order By Time / Order By Code
Service Information	Supply / Measure / Count	-

GP 4 System Administration Tools

Purpose

To describe the system administration tools that are available.

Procedure

Go to the relevant section:

- 4150 System Administration Tools
- 4250/4260 System Administration Tools

4150 System Administration Tools

Perform the following:

1. Press the **Access** key.
2. Enter the customers username and password.
3. Select **Go To Tools**.
4. The following options are available:
   - System Settings, Table 1.
   - Feature Defaults, Table 2.
   - Screen Defaults, Table 3.
   - Connectivity and Network Setup, Table 4.
   - Access and Accounting, Table 5.
   - Supplies Management, Table 6.
   - Machine Tests, Table 7.
   - Customer Support and Supplies Number, Table 8.
   - Power Saver Administration, Table 9.
   - Optional Services, Table 10.
   - Software Reset, Table 11.
   - Customer Software Upgrade, Table 12.
   - Fax Setups, Table 13.
   - On Demand Image Overwrite, Table 14.

NOTE: *Only the categories for the installed options are displayed.*

Table 1 System Settings

Function	Level 1	Level 2	Level 3	Level 4
System Settings	Tray Management	Tray Confirmation Messages	Tray 1	On/Off
			Tray 2	On/Off
			Tray 3	On/Off
			Tray 4	On/Off
			Bypass Tray	On/Off
		Auto Tray	On / Off	
		Default Stock	Stock Type	Plain Paper / Drilled / Transparency / Letterhead / Heavyweight / Recycled / Bond / Labels / Pre-printed / Lightweight / Postcard / Envelopes / Custom 1 / Custom 2 / Custom 3 / Custom 4 / Custom 5 / Custom 6 / Custom 7 / Other
			Stock Colour	White / Blue / Yellow / Green / Pink / Clear / Ivory / Gray / Buff / Goldenrod / Red / Orange / Custom 1 / Custom 2 / Custom 3 / Custom 4 / Custom 5 / Custom 6 / Custom 7 / Other
		Paper Substitution	On / Off	
	Time And Date	Set Time And Date	mm / dd / yy dd / mm / yy yy / mm / dd	
		Greenwich Mean Time Offset	-12 to 14 Hours	
	Timers	System Timeout	Disable / Enable	1 -10 minutes
		Incomplete Scan	Disable / Enable	1 -10 minutes
		Held Job Timeout	Disable / Enable	0 - 120 Hours / 0 - 59 Minutes
	System Administrator Reports	Machine Configuration	Do not print configuration report at power on. Print Configuration report at power on.	

Table 1 System Settings

Function	Level 1	Level 2	Level 3	Level 4
		SMTP Log		
		LDAP Log		
		Connectivity Log		
		Network Authentication Log		
	Audio Tones	Fault Tone / Conflict Tone / Selection Tone	Off / Low / Medium / High /Test	
	Job Sheets	Banner Sheets	Enabled / Disabled	
		Stock Choice	Stock Type	Plain Paper / Hole Punched / Transparency / Letter-head / Heavyweight / Recycled / Bond / Labels / Pre-printed / Envelopes / Custom 1 / Custom 2 / Custom 3 / Custom 4 / Custom 5 / Custom 6 / Custom 7 / System Default
			Stock Colour	White / Blue / Yellow / Green / Pink / Clear / Ivory / Gray / Buff / Goldenrod / Red / Orange / Custom 1 / Custom 2 / Custom 3 / Custom 4 / Custom 5 / Custom 6 / Custom 7 / Other / System Default / Unspecified
		Error Sheets	Enabled / Disabled	
		Scan Status Sheets	Off / On / Errors Only	
	Reduce / Enlarge Presets	Reduce / Enlarge Presets	25 / 50 / 71 / 141 / 200 / 400	
		Basic Copy Presets	25% / 50% / 71% / 141% / 200% / 400%	
	Output Options	Out of Staples Option	Complete Job Without Stapling	
			Fault / Hold Job	
		Within Job Offsetting	On / Off	
	Measurements	Units	Inches / mm	
		Numeric Separator	Comma / Period	
	Contention Management	Priority	Copy Jobs 1 -16 / Print Jobs 1-16	
		First In, First Out		
	Altitude Adjustment	Enabled / Disabled		
	Job Operation Rights	All Users / System Administrator Only		
	Paper Size	8.5 x 11 / A4		

Table 2 Feature Defaults

Function	Level 1	Level 2	Level 3	Level 4	Level 5
Feature Defaults	Set Fax Defaults	Basic Faxing	Dialing Options	Keypad Dial / Manual Dial / Speed Dial / Redial / Send List / Dialling Characters / Manual Receive / 1 Sided / 2 Sided / 2 Sided/ Rotated	
			Sides Scanned		
			Resolution	Standard / Fine / Super Fine	
		Image Adjustment	Image Quality	Text / Photo / Photo and Text	
				Lighten / Darken	
				Background Suppression	On / Off
			Colour Mode	Black and White / Full Colour	

Table 2 Feature Defaults

Function	Level 1	Level 2	Level 3	Level 4	Level 5
			Original Size		
		Added Fax Features	Fax Sending Features	Priority Send	
				Delayed Send	
				Transmission Header	
			Fax Reports		
			Mailboxes		
			Dial Directory Setup		
			Polling		
	Set Copy Defaults	Basic Copying	Reduce / Enlarge	100% / Auto % / 71% / 141% / 25% / 50% / 200% / 400% / 25-400	
			Paper Supply	Auto Paper / Tray 1 / Tray 2 / Tray 3 / Tray 4 / Auto	
			2 Sided Copy	1-1 Sided / 1-2 Sided / 2-2 Sided / 2-1 Sided 1-2 Sided, Rotate Side 2 / 2-1 Sided, Rotate Side 2	
			Output	Collated / Uncollated / 1 Staple / 1 Staple	
		Image Adjustment	Image Quality	Original Type	Text / Photo / Photo and Text
				Lighten / Darken	
				Background Suppression	On / Off
			Edge Erase	Off / Border Erase / Small Original Erase / Hole Punch Erase / Book Center and Edge Erase	
			Image Shift	No Shift / Auto Center / Margin Shift	
			Book Copying		
			Original Size		
		Output Format	Booklet Creation		
			Multi-Up		
			Covers		
			Transparency Separators		

Table 3 Screen Defaults

Function	Level 1	Level 2	Level 3
Screen Defaults	Entry Screen Default	Features / Machine Status / Job Status	
	Feature Default and Priority Order	Highest Priority / Lowest Priority	Copy / ID Card Copy / Fax / E-mail / Network Scanning
	Job Status Default	Incomplete Printing Jobs / Incomplete Non-Printing Jobs / All Incomplete Jobs / Completed Printing Jobs / Completed Non-Printing Jobs / All Completed Jobs	
	Language Default	US English / French / German / Spanish / Italian / Dutch / Brazilian Portuguese / Danish / Swedish / Finnish / Norwegian / Greek / Hungarian / Turkish / Czech / Polish / Russian / Romanian	

Table 4 Connectivity and Network Setup

Function	Level 1	Level 2	Level 3	Level 4	Level 5
Connectivity and Network Setup	Physical Media	Auto / 10 Mbps Half-Duplex / 10 Mbps Full-Duplex / 100 Mbps Half-Duplex / 100 Mbps Full-Duplex			
	Network Setup	TCP / IP Options	TCP / IP Settings	Protocol	Enable / Disable
				Dynamic Addressing	Disabled / BOOTP / DHCP
				DNS Configuration	Domain Name / Dynamic DNS Registration / Preferred DNS Server / Alternate DNS Server
				Name / Address	
				Subnet and Gateway	
			HTTP	Enable / Disable	
			TCP / IP-Line Printer	Enable / Disable	Port Number (1-65535)
			IPP	Enable / Disable	
			Raw TCP / IP Printing	Enable / Disable	Port Number (1-65535)
		AppleTalk (R)	Protocol	Enable / Disable	
			Name and Area	Printer Area	
				Area Name	
		Netware (R)	Protocol	Enable / Disable	
			Primary File Servers		
			Frame Type	Auto / 802.2 / 802.3 / Ethernet II	
			NDS (R) Settings	Name Content / Directory Service Tree	
			Print Server	Print Server Name / Print Server Password	
			Rates	Poll Interval	1-240 Seconds
				SAP	Enable / Disable

Table 5 Access and Accounting

Function	Level 1	Level 2	Level 3	Level 4
Access and Accounting	Authentication Mode	Xerox Standard Accounting	On / Off	
		Network Accounting	On / Off	
		Auditron	On / Off	
		Foreign Device Interface	On / Off	
	Foreign Device Interface Setup	Job Timer	Enable / Disable	0.25 - 15 Minutes
		Print Job Control	Enable / Disable	
		Inhibit Services	Copy Only / All Services	
		Internal Credits	Enable / Disable	
		Image Counter	Enable / Disable	
	Internal Auditron Setup	Auditron Initialization	User Accounts	
			General Accounts	
			Group Accounts	

Table 5 Access and Accounting

Function	Level 1	Level 2	Level 3	Level 4
			Reset All Counters	
			Initialize Auditron	
		Auditron Group Accounts	Next Open Account	
			Next Active Account	
			Previous Account	
		User Accounts and Access Rights	Next Open Account	
			Next Active Account	
			Previous Account	
			Access	General Account Access
				Multiple Group Account Access
				Auditron Administrator Access
		Auditron General Accounts	Next Open Account	
			Next Active Account	
			Previous Account	
		Auditron Reports	Print Account Report	
		Auditron Service Mode	Copy Only	
			Copy and Fax	
	Network Accounting Setup	Network Account Authentication	Enable / Disable	
		Network Account Validation Steps	User ID / Account ID	
		Network Account Login Display Mode	Display User ID Details / Mask User ID Details / Display Account ID Details / Mask Account ID Details	

Table 6 Supplies Management

Function	Level 1	Level 2	Level 3
Supplies Management	Toner Cartridge Reorder Notification	Reorder at Life Remaining	1% - 15%
		Toner Cartridge Status	Enabled / Disabled
		Cancel Current Reorder Message(s)	
	Bias Transfer Roller	Image Count	
		Reset Counter to 0	
	Drum Cartridge Reorder Notification	Reorder at Life Remaining	1% - 15%
		Drum Cartridge Status	Enabled / Disabled
		Cancel Current Reorder Message(s) / Confirm Cartridge Has Been Installed	
	Feed Rollers Counter Reset	Feed Roller - Tray 1	Reset Counter to 0
		Feed Roller - Tray 2	Reset Counter to 0
		Feed Roller - Tray 3	Reset Counter to 0
		Feed Roller - Tray 4	Reset Counter to 0
		Feed Roller - Bypass Tray	Reset Counter to 0
		Document Feed Roller	Reset Counter to 0
	Fuser Counter Reset	Image Count	

Table 6 Supplies Management

Function	Level 1	Level 2	Level 3
		Reset Counter to 0	
	Document Feeder Friction Pad Counter Reset	Image Count	
		Reset Counter to 0	

Table 7 Machine Tests

Function	Level 1	Level 2	Level 3
Machine Tests	Image Quality Test Patterns	Image Quality Test Patterns	1-19
		Features	Tray 1 / Tray 2 / Tray 3 / Tray 4 / Bypass Tray
			1 Sided / 2 Sided
		Start Test	
	User Interface Tests (GP 12)	User Interface Button Test	Start Test / End Test
		Touch Area Test	Start Test
		Audio Tone Test	Start Test / End Test
		Display Pixel Test	Start Test
		LED Indicator Test	Start Test / End Test
		Video Memory Test	Start Test
		Reset User Interface	Reset User Interface
		Application Checksum Verification	Start Test

Table 8 Customer Support and Supplies Numbers

Function	Level 1
Customer Support and Supplies Numbers	Customer Support Telephone Number
	Supplies Telephone Number
	Customer Asset Tag Number
	Xerox Asset Tag Number

Table 9 Power Saver Administration

Function	Level 1	Level 2
Power Saver Administration	From Normal To Low Mode	5 - 120 Minutes

Table 10 Optional Services

Function	Level 1	Level 2
Optional Services	Network Scanning	Enable / Disable
	Network Accounting	Disable
	Email	Enable / Disable
	Immediate Image Overwrite	Enable / Disable
	On Demand Image Over-write	Enable / Disable
	Embedded Fax	Enable / Disable

Table 11 Software Reset

Function	Level 1
Software Reset	Reset System Software

Table 12 Customer Software Upgrade

Function	Level 1
Customer Software Upgrade	On / Off

Table 13 Fax Setups

Function	Level 1	Level 2	Level 3	Level 4	Level 5
Fax Setups	Fax Transmission Defaults	Automatic Redial Setup	Redial Time Interval	1-15 Minutes	
			Automatic Redial Attempts	0-13	
		Audio Line Monitor	Off / On		
				Select Line Monitor Volume	High / Medium / Low
		Prefix Dial			
		Toll Save	Off / On		
		Batch Send	Off / On		
		Dial Tone Volume	1 - 7		
		Transmission Header Text			
	File Management	Retained Documents Policy	Documents Received In Mailbox	Delete on Print / Keep	
			Documents Stored For Polling	Delete on Poll / Keep	
		Mailbox Setup	Mailbox List		
			Edit	Mailbox ID	
				Mailbox Passcode	
				Mailbox Name	
				Mailbox Notification	Off / On
			Delete		
	Fax Country Settings	Argentina / Australia / Austria / Belgium / Brazil / Bulgaria / Canada / Chile / China / Cyprus / Czech Republic / Denmark / Egypt / Finland / France / Germany / Greece / Hong kong / Hungary / Iceland / India / Ireland / Italy / Luxembourg / Malaysia / Mexico / Morocco / Netherlands / New Zealand / Norway / Poland / Portugal / Peru / Romania / Russia / Saudi Arabia / Singapore / South Africa / Spain / Sweden / Switzerland / Turkey / UAE / UK / Ukraine / USA / Yugoslavia			
	Line Configuration	Dial Type	Tone / Pulse		
		Fax Number			
		Machine Name			
	Receive Defaults	Auto Answer Delay	1-7 Rings		
		Receive Header	Enable / Disable		
		Ring Volume	Off / On	High / Medium / Low	
		Fax Receive Tray	Tray 1 / Tray 2 / Tray 3 / Tray 4 / Bypass Tray	On/Off	
		Auto Reduction	On / Off	0-30mm	
		Default Output Options	Stapled	On / Off	
			Duplex	On / Off	
		Email / Fax Forward	Off / Forward To Fax / Forward To Email		
		Receive Mode	Telephone / Fax / Answering Machine/ Fax		
		Secure Receive	Off / On		
		Remote Code	Off / On		

Table 13 Fax Setups

Function	Level 1	Level 2	Level 3	Level 4	Level 5
		Junk Fax Prevention	Off / On	Junk Fax Number List	
		Secure Polling	Disable / Enable		
	Fax Reports	Transmission/Receive Report / Confirmation Report / Broadcast Report / Multipoll Report	Auto Print / Off		
	Error Correction Mode	Off / On			

Table 14 On Demand Image Overwrite

Function	Level 1
On Demand Image Overwrite	Start

4250/4260 System Administration Tools

Perform the following:

1. Press the **Log In/Out** key.
2. Enter the customers password (default is 1111). Touch the Enter button on the UI.
3. Select the **Tools** tab, refer to Table 15.

NOTE: *The Machine Information, Faults and Service Information tabs are accessible without entering System Administration Tools. Go to GP 3 Machine Status.*

Table 15 System administration tools

1st Level	2nd Level	3rd Level	4th Level	5th Level	6th Level
Device Settings	General	Energy Saver	5 to 120 Minutes	-	-
-	-	Set Date & Time	mm/dd/yy / dd/mm/yy / yy/mm/dd	-	-
-	-	-	Month / Day / Year	-	-
-	-	GMT Offset	-12 to 14.0 Hours	-	-
-	-	Language Default	US English / Italian / Danish / Greek / Polish / French / Dutch / Swedish / Russian / Hungarian / German / Portuguese / Finnish / Turkish / Romanian / Spanish / Brazilian Portuguese / Norwegian / Czech / Catalan	-	-
-	-	Xerox Customer Support	Customer Support Telephone Number / Supplies Telephone Number / Customer Asset TAG Number / Xerox Asset TAG Number	-	-
-	-	System Administration Reports	Machine Configuration / SMTP Log / LDAP Log / Connectivity Log / Network Authentication Log	-	-
-	-	-	Do not Print Configuration Report At Power On / Print Configuration Report At Power On	-	-
-	-	Altitude Adjustment	Enable / Disable	-	-
-	-	Contention Management	Priority / First In, First Out	-	-

Table 15 System administration tools

1st Level	2nd Level	3rd Level	4th Level	5th Level	6th Level
Paper Tray Management	Paper Setting	Default Stock	Stock Type	Plain Paper / Lightweight / Cotton / Colored / Pre-printed / Recycled / Transparency / Labels / Card Stock / Bond / Archive / Envelopes / Heavyweight / Custom 1 / Custom 2/ Custom 3 / Custom 4 / Custom 5 / Custom 6 / Custom 7 / Other	-
-	-	-	Stock Colour	White / Blue / Yellow / Green / Pink / Clear / Ivory / Gray / Buff / Goldenrod / Red / Orange / Custom 1 / Custom 2/ Custom 3 / Custom 4 / Custom 5 / Custom 6 / Custom 7 / Other	-
-	-	Paper Substitution	On / Off	-	-
-	-	Default Paper Size	8.5x11 / A4	-	-
-	Tray Setting	Auto Tray	On / Off	-	-
-	-	Tray Confirmation Messages	Tray 1 / Tray 2 / Bypass	On / Off	-
User Interface	General	Measurements	Units	Inches / mm	-
-	-	-	Numeric Separator	Comma / Period	-
-	-	Audio Tones	Fault Tones / Conflict Tones / Selection Tone	Off / Low / Medium / High / Test	-
-	-	Screen Default	Entry Screen Default	Features / Machine Status / Job Status / All Services	-
-	-	-	Job Status Default	Incomplete Printing Jobs / Incomplete Non-Printing Jobs / All Incomplete Jobs / Completed Printing Jobs / Completed Non-Printing Jobs / All Completed Jobs	-
-	-	-	Feature Default And Priority Order	Copy / ID Card Copy / Fax / E-mail / Network Scanning	-
-	-	SFO	SFO Number (00 - 99)	Enable / Disable	-
-	-	-	Print SFO Report	-	-
Connectivity And Network Setup	General	Software Upgrade	On / Off	-	-
-	Advanced	Network Setting	Physical Media	Auto / 10 Mbps Half-Duplex / 10 Mbps Full-Duplex / 100 Mbps Half-Duplex / 100 Mbps Full-Duplex	
-	-	-	Network Setup	TCP/IP Options	TCP/IP Setting / HTTP / TCP/IP Line Printer / IPP / Raw TCP/IP Printing
-	-	-	-	Appletalk	Protocol / Name and Area
-	-	-	-	Netware	Protocol / Primary File / Servers / Frame Type / NDS (R) Settings / Print Server / Rates

Table 15 System administration tools

1st Level	2nd Level	3rd Level	4th Level	5th Level	6th Level
Accounting	Accounting Enablement	Authentication Mode	Auditron / Xerox Standard Accounting / Network Accounting	On / Off	-
-	-	Internal Auditron Setup	Auditron Initialization	User Accounts	1-400
-	-	-	-	General Accounts	0-6782
-	-	-	-	Group Accounts	1-100
-	-	-	-	Reset All Counters	-
-	-	-	-	Initialize Auditron	-
-	-	-	Auditron Group Accounts	Next Open Account / Next Active Account / Previous Account (1-100)	1-100
-	-	-	User Accounts And Access Rights	Next Open Account / Next Active / Previous Account	1-400
-	-	-	-	Access	General Account Access / Multiple Group Account Access
-	-	-	Auditron General Accounts	Next Open Account / Next Active / Previous Account	1-50
-	-	-	Auditron Reports	Print Account Report	-
-	-	-	Auditron Service Mode	Copy Only / Copy And Fax	-
-	-	Network Accounting Setup	Network Accounting Authentication / Display Accounting Login Display Mode / Network Accounting Validation Setups	-	-
-	Image Overwrite Security	Immediate Overwrite	Enable / Disable	-	-
-	-	-	On Demand Overwrite	Standard / Full	-
Security Settings	Authentication	Job Operation Eights	All Users / System Administrator Only	-	-
-	Image Overwrite Security	Immediate Overwrite	Enable / Disable	-	-
-	-	On Demand Overwrite	Standard / Full	-	-
-	-	-	Overwrite Now	-	-

GP 5 Reports

Purpose

To give details of the reports available in machine Information, refer to GP 3.

NOTE: *The list of available reports is dependant on machine type and installed options.*

Refer to the following:

- Call for Assistance
- Help List
- Error Messages
- Last 40 Error Messages
- System Configuration
- All Above
- Billing/Meters
- Auditron
- Xerox Standard Accounting
- All Accounting Reports
- Email Send
- Email Confirmation
- User Authentication
- Local Address Book Members
- Group Address Book Members
- All Email Reports
- Fax Phone Book
- Fax Transmission
- Fax Receive
- Fax Broadcast
- Fax Protocol
- Fax Multipoll
- Junk Fax List
- Pending Jobs
- Fax Options

Call for Assistance

This list shows all the information required by the call center when the customer registers a request for service.

Help List

This report shows a brief description of the machines basic functions and commands. It adds or subtracts features from the report, based upon machine configuration. It can be used as a quick reference guide.

Error Messages

This list shows all the fault codes generated by the machine.

Last 40 Error Messages

This list shows the last 40 fault codes generated by the machine.

System Configuration

This list shows the user system data settings and the machine settings.

All Above

The machine will print the Call for Service List, the Help List, the Error Messages List, the Last 40 Error Messages List and the System Configuration Report.

Billing/Meters

This list shows specific information about the machines total print count.

Auditron

This list shows the active electronic auditron group accounts and their current image counters for each available service.

Xerox Standard Accounting

This list shows the user account activity. Reports are available for user accounts, general accounts and group accounts.

All Accounting Reports

The machine will print the Auditron list and Xerox Standard Accounting list.

Email Send

This report shows specific information concerning scan to email activities.

Email Confirmation

This report prints after connecting to the mail server.

User Authentication

This list shows the authentication for scan to email.

Local Address Book Members

This list shows all email addresses contained in the local address book.

Group Address Book Members

This list shows all groups and the email addresses associated with each group in the group address book.

All Email Reports

This function will print all available Email reports.

Fax Phone Book

This report shows all telephone numbers stored in the machine.

Fax Transmission

This report shows the most recent 50 fax transmissions.

Fax Receive

This report shows the most recent 50 fax receptions.

Fax Broadcast

This report shows the success or failure of a specific fax job sent to multiple destinations.

Fax Protocol

This report shows the protocol information about the last fax job. Refer to dC109 Embedded Fax Protocol Report.

Fax Multipoll

This report shows the success or failure of a specific polling fax job sent to multiple destinations.

Junk Fax List

This report shows the junk faxes.

Pending Jobs

This report shows specific information about document stored for delayed activity.

Fax Options

This report shows the different options available for the fax and their current settings.

GP 6 Firmware Upgrade

Purpose

To give details of the possible firmware upgrade procedures:

- Remote Machine
- Local Machine

Remote Machine

There are 2 methods to upgrade the firmware on networked machines, CentreWare Internet Service (CWIS) and CentreWare Web.

NOTE: *CentreWare Web can only be used by the System Administrator.*

CentreWare Internet Service Method

Perform the following:

1. Open Microsoft Internet Explorer. Enter the machines IP address.
2. Enter the machines IP address. Press return. The CentreWare Internet Services window will open.

   NOTE: *Refer to GP 4 System Administration Tools to determine the machines IP address.*
3. Click on the **Properties** tab.
4. In the Properties window, click on **Maintenance**, then **Firmware Upgrade**.
5. Enter the customers username and password. The Firmware Upgrade window will open.
6. In the Firmware Upgrade window, select **Browse**.
7. Browse to the location of the firmware files. Select the correct firmware file.
8. Select **Install Software**. The firmware file will now be transmitted to the machine. The machine will automatically initialize when the upgrade procedure is finished.
9. Check that the machine has been successfully upgraded.

Local Machine

ControlCentre Method (4150)

This procedure is applicable to the 4150 only. Use this method if the machine can be connected to a PC via a USB 2.0 port.

NOTE: *The PC must have Windows 2000 or Windows XP and a USB 2.0 port.*

Perform the following:

1. Use a USB 2.0 cable to connect the PC to the machine.

   NOTE: *Cancel the Found New Hardware Wizard.*
2. Open **ControlCentre**.
3. In the right window, under **Maintenance**, highlight **Firmware Upgrade**.
4. Select **Setting**.
5. In the Firmware Update window, select **Browse**.
6. Browse to the location of the firmware files. Select the correct firmware file.
7. Select **Update**. The firmware file will now be transmitted to the machine. The machine will automatically initialize when the upgrade procedure is finished.
8. Check that the machine has been successfully upgraded.

USB Thumbdrive Method (4250/4260)

This procedure is applicable to the 4250/4260 only. The firmware upgrade is initiated locally from a USB thumbdrive through the standard thumbdrive port.

Perform the following:

1. Load the firmware onto a USB thumbdrive.
2. Connect the USB thumbdrive to the standard thumbdrive port on the front of the machine.
3. Select **Print from USB**.
4. From the displayed list, navigate to the relevant firmware file. Select the firmware file.
5. Select **Add**. The firmware file will be added to the print list.
6. Select **Done**. The print list will be displayed.
7. Select the firmware file to be downloaded to the machine. Press **OK** or the **Start** key or to send the firmware file to the machine.

   NOTE: *The progress of the upgrade procedure will be displayed on the UI. The machine will reboot after the upgrade.*

8. After the firmware has been upgraded, check that the correct version is displayed in Machine Status. Refer to GP 3 Machine Status.

GP 7 Machine Specifications

Specifications are correct at the time of publication. Machine specifications are subject to change without notice. Refer to the relevant section:

- 4150 Specifications
- 4250/4260 Specifications

4150 Specifications

Refer to the following tables for the 4150 specifications:

- Table 1 General Specifications.
- Table 2 Fax Specifications.
- Table 3 Scanner Specifications.
- Table 4 Copy Specifications.
- Table 5 Telephone Specifications.
- Table 6 Consumables.
- Table 7 Fuser Operating Temperatures.
- Table 8 HVPS Output.
- Table 9 Finisher Specifications

Table 1 General specifications

Item	Description
Configuration	Desktop with 1 tray. Optional 2 or 4 trays. High stand for 1 or 2 trays. Low stand for 4 trays.
Operating System	Win98/ME/NT 4.0/2000/XP/XP64bit/MAC/Unix/Linex and Citrix.
Duplex Printing	Yes
Printing Speed	45ppm for 8.5x11, 43ppm for A4
Paper Tray Capacity	520 sheets (75gsm)
Document Capacity (Input)	DADF: 50 Sheets (50-120gsm)
Paper Capacity (Output)	Output tray 500 sheets Optional finisher 500 sheets (50 sheets stapled)
Interface	IEEE 1284 (ECP)
	USB (without HUB mode)
CPU	400 MHz
System Memory	128Mb (plus 16Mb for Fax) (scan to email adds 32Mb)
Warming up Time	From power on: 30 Sec. From power save: 10 sec.
Absolute Storage Condition	Temperature: -20C ~ 40C, Humidity: 10% RH ~ 90% RH
Operating Condition	Temperature: 10C ~ 32C, Humidity: 20% RH ~ 80% RH
Recommended Operating Condition	Temperature: 16C ~ 30C, Humidity: 30% RH ~ 70% RH
Dimension (W x D x H)	Basic: 610 x 465 x 607mm (24 x 13.3 x 23.8 inches)
Weight	Machine: 45Kg (99lb) (with CRU) Tray 2: 11.85Kg (26lb)
Acoustic Noise	Less than 62dB (Copy/Printing scanning mode)

Table 1 General specifications

Item	Description
Power Rating	110VAC-127VAC: 6A 220VAC-240VAC: 3A
Power Consumption	Avg. 800W (Print/Copy)
Power Save Consumption	Avg. 35W
Recommended System Requirement	Pentium IV 1.2 Ghz, 64Mb RAM
Minimum System Requirement	Pentium III 500 MHz, 32Mb RAM
LCD	640 x 240 line graphic LCD
Memory	128Mb SDRAM (expandable to 256Mb)

Table 2 Fax specifications

Item	Description
Standard Recommendation	ITU-T Group3(ITU: International Telecommunications Union)
Application Circuit	PSTN or behind PABX (PSTN: Public Switched Telephone Network. PABX: Private Automatic Branch Exchange)
Data coding (Compression)	MH/MR/MMR/JBIG/JPEG (Color/Transmission)
Modem speed	33600/28800/21600/19200/14400/12000/9600/7200/4800/2400bps
Transmission Speed	Approximately 3 sec (33,600 bps)
Effective Scanning Width	208 mm (8.2 inches)
Grayscale	256 Levels
Paper Capacity (Input)	DADF (Duplex Automatic Document Feeder): 50 Sheets (75gsm)
FAX Mode	Standard /Fine/Super Fine/Halftone
Memory	16MB

Table 3 Scanner specifications

Item	Description
Type	Flatbed (with DADF)
Speed	1.33 sec (letter at 300 dpi)
Device	Color CCD (Charge Coupled Device) Module
Interface	IEEE1284 (ECP Support) USB (without HUB Mode)
Compatibility	TWAIN Standard, WIA
Optical Resolution (H X V)	600 x 600 dpi
Halftone	256 Levels
Effective Scan width	208 mm (8.2 inches)

Table 4 Copy specifications

Item	Description
Mode	B/W

Table 4 Copy specifications

Item	Description
Quality	Text/Photo/Mixed
Copy Speed	45ppm for 8.5 x 11, 43ppm for A4
Optical Resolution (H x V)	600 x 600 dpi
Multi Copy	1 to 999
Maximum Original Size	Legal
Maximum Page Size	Legal
Paper Type Selection	Plain, Cardstock, Transparency, Bond, Labels, Colored
Zoom Range	Platen: 25-400% (1% Step) DADF: 25-100% (1% Step)

Table 5 Telephone specifications

Item	Description
Speed Dial	200 Locations
Tone/Pulse	Tone only user mode. Tone/Pulse selectable in tech mode.
Ringer Volume	Off, low, medium, high
Chain Dial	None
Pause	Yes, using the Pause/Redial Key

Table 6 Consumables

Item	Life expectancy
Toner cartridge	20K prints (10K starter toner cartridge) (5% coverage pattern)
Xerographic module	55K prints (simplex normal mode)

Table 7 Fuser operating temperatures

Machine State or Paper Type	Environment (Power on/after 50 prints/after 150 prints)		
	LL	NN	HH
Machine in standby	175 deg. C	175 deg. C	170 deg. C
Plain	189/189/185 deg. C	189/185/185 deg. C	184/184/184 deg. C
Thick/Bond/Label	199/195/195 deg. C	199/195/195 deg. C	194/190/190 deg. C
Thin	180/180/175 deg. C	180/180/175 deg. C	175/170/170 deg. C
Envelope	199/195/195 deg. C	199/195/195 deg. C	194/190/190 deg. C
Cardstock	199/195/195 deg. C	199/195/195 deg. C	194/190/190 deg. C
OHP	175/170/165 deg. C	175/170/165 deg. C	175/170/165 deg. C

The environment acronyms are as follows:

- LL - Low temperature/low humidity.
- NN - Normal temperature/normal humidity.

- HH - High temperature/high humidity.

Table 8 HVPS Output

HVPS Output	Voltage
Transfer High Voltage (THV)	Max +5000V DC +/-5%
Charge Voltage (MHV)	-1100V to -1800V DC +/-5%
Developing Voltage (DEV)	-450V to -600V DC +/-5%
Detack Voltage	-3000 to +3000V DC +/-5%
Fuser Bias	+450V DC +/-5%

Table 9 Finisher specifications

Item	Description
Stacking capacity	500 sheets
Stapling capacity	50 sheets
Staple cartridge capacity	5000 staples
Weight	10.5Kg (23lb)
Dimension with stacker tray (W x D x H)	726 x 390 x 300mm (28.5 x 15.3 x 11.8 inches)
Input power (from IOT)	+24V, +5V and +3.3V

4250/4260 Specifications

Refer to the following tables for the 4250/4260 specifications:

- Table 10 General Specifications.
- Table 11 Fax Specifications.
- Table 12 Scanner Specifications.
- Table 13 Copy Specifications.
- Table 14 Telephone Specifications.
- Table 15 Consumables.
- Table 16 Fuser Operating Temperatures.
- Table 17 HVPS Output.
- Table 18 Finisher Specifications.

Table 10 General specifications

Item	Description
Configuration	Desktop with 1 tray. Optional 2 trays, 4 trays or HCF. High stand for 1 or 2 trays. Low stand for 4 trays.
Operating System	Win98/ME/NT 4.0/2000/XP/XP64bit/MAC/Unix/Linex and Citrix.
Duplex Printing	Yes
Printing Speed (4250)	45ppm for 8.5x11, 43ppm for A4
Printing Speed (4260)	55ppm for 8.5x11, 53ppm for A4
Paper Tray Capacity	520 sheets (75gsm)
Document Capacity (Input)	DADF: 100 Sheets (50-120gsm)

Table 10 General specifications

Item	Description
Paper Capacity (Output)	Output tray 500 sheets Optional finisher 500 sheets (50 sheets stapled)
Interface	IEEE 1284 (ECP)
	USB (without HUB mode)
CPU	400 MHz
System Memory	256Mb (plus 32Mb for Fax) (scan to email adds 32Mb)
Warming up Time	From power on: 60 Sec. From power save: 18 sec.
Absolute Storage Condition	Temperature: -20C ~ 40C, Humidity: 10% RH ~ 90% RH
Operating Condition	Temperature: 10C ~ 32C, Humidity: 20% RH ~ 80% RH
Recommended Operating Condition	Temperature: 16C ~ 30C, Humidity: 30% RH ~ 70% RH
Dimension (W x D x H)	Basic: 633 x 506 x 641mm (24.9 x 19.9 x 25.2 inches)
Weight	Machine: 45Kg (99lb) (with CRU) Tray 2: 11.85Kg (26lb)
Acoustic Noise	Less than 55dB (Copy/Printing scanning mode)
Power Rating	110VAC-127VAC: 8A 220VAC-240VAC: 4A
Power Consumption	Avg. 900W (Print/Copy)
Power Save Consumption	Avg. 50W
Recommended System Requirement	Pentium IV 1.2 Ghz, 64Mb RAM
Minimum System Requirement	Pentium III 500 MHz, 32Mb RAM
LCD	800 pixels x 480 lines TFT color graphic LCD
Memory	256Mb SDRAM (expandable to 512Mb)

Table 11 Fax specifications

Item	Description
Standard Recommendation	ITU-T Group3, Super G3
Application Circuit	PSTN or behind PABX (PSTN: Public Switched Telephone Network. PABX: Private Automatic Branch Exchange)
Data coding (Compression)	MH/MR/MMR/JBIG/JPEG (Color/Transmission)
Modem speed	33600/28800/21600/19200/14400/12000/9600/7200/4800/2400bps
Transmission Speed	Approximately 3 sec (33,600 bps)
Effective Scanning Width	208 mm (8.2 inches)
Grayscale	256 Levels
Paper Capacity (Input)	DADF (Duplex Automatic Document Feeder): 100 Sheets (75gsm)
FAX Mode	Standard /Fine/Super Fine/Halftone
Memory	32MB

Table 12 Scanner specifications

Item	Description
Type	Flatbed (with DADF)
Device	Color CCD (Charge Coupled Device) Module
Interface	IEEE1284 (ECP Support) USB (without HUB Mode)
Compatibility	Scan to USB, direct connect TWAIN
Optical Resolution (H X V)	600 x 600 dpi
Halftone	256 Levels
Effective Scan width	208 mm (8.2 inches)

Table 13 Copy specifications

Item	Description
Mode	B/W
Quality	Text/Photo/Mixed
Copy Speed	55ppm for 8.5 x 11, 53ppm for A4
Optical Resolution (H x V)	600 x 600 dpi
Multi Copy	1 to 999
Maximum Original Size	Legal
Maximum Page Size	Legal
Paper Type Selection	Plain, Cardstock, Transparency, Bond, Labels, Colored
Zoom Range	Platen: 25-400% (1% Step) DADF: 25-100% (1% Step)

Table 14 Telephone specifications

Item	Description
Speed Dial	200 Locations
Tone/Pulse	Tone only user mode. Tone/Pulse selectable in tech mode.
Ringer Volume	Off, low, medium, high
Chain Dial	None
Pause	Yes, using the Pause/Redial Key

Table 15 Consumables

Item	Life expectancy
Toner cartridge	23K prints (12K starter toner cartridge) (5% coverage pattern)
Xerographic module	80K prints (simplex normal mode)

Table 16 Fuser operating temperatures

Machine State or Paper Type	Environment (Power on/after 50 prints/after 150 prints)		
	LL	NN	HH
Machine in standby	175 deg. C	175 deg. C	170 deg. C
Plain	189/189/185 deg. C	189/185/185 deg. C	184/184/184 deg. C
Thick/Bond/Label	199/195/195 deg. C	199/195/195 deg. C	194/190/190 deg. C
Thin	180/180/175 deg. C	180/180/175 deg. C	175/170/170 deg. C

Table 16 Fuser operating temperatures

Machine State or Paper Type	Environment (Power on/after 50 prints/after 150 prints)		
	LL	NN	HH
Envelope	199/195/195 deg. C	199/195/195 deg. C	194/190/190 deg. C
Cardstock	199/195/195 deg. C	199/195/195 deg. C	194/190/190 deg. C
OHP	175/170/165 deg. C	175/170/165 deg. C	175/170/165 deg. C

The environment acronyms are as follows:

- LL - Low temperature/low humidity.
- NN - Normal temperature/normal humidity.
- HH - High temperature/high humidity.

Table 17 HVPS Output

HVPS Output	Voltage
Transfer High Voltage (THV)	Max +5000V DC +/-5%
Charge Voltage (MHV)	-1100V to -1800V DC +/-5%
Developing Voltage (DEV)	-450V to -600V DC +/-5%
Detack Voltage	-3000 to +3000V DC +/-5%
Fuser Bias	0 to +1000V DC +/-5%

Table 18 Finisher specifications

Item	Description
Stacking capacity	500 sheets
Stapling capacity	50 sheets
Staple cartridge capacity	5000 staples
Weight	10.5Kg (23lb)
Dimension with stacker tray (W x D x H)	726 x 390 x 300mm (28.5 x 15.3 x 11.8 inches)
Input power (from IOT)	+24V, +5V and +3.3V

GP 8 DADF Document Feeding Specifications

Purpose

To list the specifications of the documents that can be fed through the DADF.

Specifications

Refer to Table 1.

Table 1 Specifications

Item	Specification
Length	145mm - 356mm (5.75 inches - 14inches)
Width	145mm - 216mm (5.75 inches - 8.5 inches)
Weight	50gsm - 105gsm (12.5lb - 28lb)
Thickness	0.075mm - 0.13mm
Curl	Less than 5mm
Input tray capacity **(4150)**	50 sheets of 80gsm (20lbs) paper
Input tray capacity **(4250/4260)**	100 sheets of 80gsm (20lbs) paper

GP 9 Paper and Media Specifications

Purpose

To list the paper and media size specifications.

Procedure

Refer to the following specifications:

- Paper Specifications
- Transparency Specification
- Envelope Specification
- Label Specification

Paper Specifications

NOTE: *Ensure that the paper tray settings match the paper size in the tray.*

Refer to Table 1 for the paper and media sizes that can be used in the machine. Refer to Table 2 for the paper or media weight that can be used in the machine.

Table 1 Paper and media specifications

Paper Type	Mode	Size		Input Source		
		W x L (mm)	W x L (inch)	Bypass	Trays 1-4, HCF	Duplex
Letter	Print/Copy/Fax	215.9 x 279	8.5 x 11	X	X	X
Legal	Print/Copy/Fax	215.9 x 355.6	8.5 x 14	X	X	X
Folio	Print/Copy/Fax	216 x 330	8.5 x 13	X	X	X
Oficio	Print/Copy/Fax	216 x 343	8.5 x 13.5	X	X	X
A4	Print/Copy/Fax	210 x 297	8.27 x 11.69	X	X	X
JIS B5	Print	182 x 257	7.17 x 10.12	X	X (see NOTE 2)	X
Executive	Print	184.2 x 266.7	7.25 x 10.5	X	X (see NOTE 2)	X
A5	Print/Copy	148.5 x 210	5.85 x 8.27	X	X (see NOTE 2)	X (see NOTE 3)
Statement	Print/Copy	N/A	5.5 x 8.5	X	X (see NOTE 2)	X (see NOTE 3)
A6 CARD	Print	105 x 148.5	4.13 x 5.85	X		
Post card 4 x 6	Print	101.6 x 152.4	4 x 6	X		
Hagaki	Print	100 x 148	3.94 x 5.83	X		
Envelope B5	Print	176 x 250	N/A	X	X (see NOTE 2)	
Envelope 7-3/4	Print	98.4 x 190.5	3.88 x 7.5	X	X (see NOTE 2)	
Envelope COM-10 (see NOTE 1)	Print	105 x 241	4.12 x 9.5	X	X (see NOTE 2)	

Table 1 Paper and media specifications

Paper Type	Mode	Size		Input Source		
		W x L (mm)	W x L (inch)	Bypass	Trays 1-4, HCF	Duplex
Envelope DL	Print	110 x 220	4.33 x 8.66	X	X (see NOTE 2)	
Envelope C5	Print	162 x 229	6.38 x 9.02	X	X (see NOTE 2)	
Envelope C6	Print	114 x 162	N/A	X	X (see NOTE 2)	
Custom	Print	98 x 148 - 215.9 x 355.6	3.86 x 5.83 - 8.5 x 14	X	X (see NOTE 2)	

NOTE: *1. COM-10 envelope weight must not exceed 75 gsm (20lb).*

NOTE: *2. Paper weight must be 60 gsm - 120 gsm (*16lb - 32lb bond*).*

NOTE: *3. Long grain paper only.*

Table 2 Paper or media weights

Paper or Media Source	Weight
Trays 1, 2, 3 and 4	60 - 120 gsm (16 - 32lb bond)
HCF (4260)	60 - 120 gsm (16 - 32lb bond)
Bypass	60 - 199 gsm (16 - 53lb)
Duplex	60 - 120 gsm (16 - 32lb bond)

Transparency Specification

Refer to Table 3 for the transparency sizes that can be used in the machine.

Table 3 Transparency specifications

Size	Weight	Curl	Shearing Angle
A4 or Letter (see NOTE)	138 - 146 gsm (37 - 39lb)	+/- 5mm	+/- 4 degrees

NOTE: *Must be standard Xerox transparencies.*

Envelope Specification

Refer to Table 4 for the envelope sizes that can be used in the machine.

Table 4 Envelope specifications

Length	Width	Weight	Curl	Twist
162 x 250 mm (6.3 x 9.8 inches)	98.4 x 176 mm (3.9 x 6.9 inches)	75 - 90 gsm (20 - 24lb)	Less than 2mm	Less than 6mm

Label Specification

Refer to Table 5 for the label sizes that can be used in the machine.

Table 5 Label specifications

Size	Type	Weight
A4 or Letter	Paper	120 - 150 gsm (32 - 40lb)

GP 10 General Disassembly Precautions

Purpose

Use this procedure when disassembling and reassembling components.

Procedure

NOTE: *The close proximity of cables to moving parts makes proper routing essential. If components are removed, any cables disturbed by the procedure must be restored as close as possible to their original positions. Before removing any component from the machine, note the cable routing that will be affected.*

Whenever servicing the machine, perform the following:

1. Check to verify that jobs are not stored in memory.
2. Unplug the power cord.
3. Use a flat and clean surface.
4. Only install authorized components.
5. Do not forcibly remove plastic components.
6. Ensure all components are in their correct position.
7. When replacing screws into plastic components, turn the screw counterclockwise to engage the original thread, then turn the screw clockwise. Do not overtighten. If a new thread is cut, the plastic component will lose the ability to hold the screw. This also applies to metal components.

GP 11 Service Information

Purpose

To provide machine hardware and software information.

Procedure

1. Enter Diagnostics, GP 1.
2. Select the Service Information tab
3. The following options are displayed:
   - Machine Serial Number.
   - Images Since Last Call.
   - Network IP Address.
   - System Administration Passcode.
4. Choose from the following:
   - HFSI.
   - Software versions.
   - Billing counters.

GP 12 User Interface Tests Description

Purpose

To describe the user interface tests that are available in GP 4 System Administration Tools and dC305.

Procedure

Refer to the relevant procedure:

- User Interface Button Test
- Audio Tone Test
- LED Indicator Test
- Touch Area Test
- Display Pixel Test
- Video Memory Test
- Reset User Interface
- Application Checksum Verification
- Touch Screen Calibration

User Interface Button Test

Use this test to verify that the buttons on the user interface are working correctly. After entering this test, follow the instructions displayed on the user interface to perform, then exit the test.

Audio Tone Test

Use this test to verify that the audio tone on the user interface is working correctly. After entering this test, follow the instructions displayed on the user interface to perform, then exit the test.

LED Indicator Test

Use this test to verify that the LEDs on the user interface is working correctly. After entering this test, follow the instructions displayed on the user interface to perform, then exit the test. Each LED will flash on for approximately 1 second, then off sequentially in a clockwise direction.

Touch Area Test

Use this test to verify that the touch screen on the user interface is working correctly. After entering this test, follow the instructions displayed on the user interface to perform, then exit the test.

Display Pixel Test

Use this test to verify that the liquid crystal display module (LCDM) is working correctly. After entering this test, follow the instructions displayed on the user interface to perform, then exit the test.

Video Memory Test

Use this test to verify that the SRAM used by the video controller on the user interface is working correctly. After starting this test, each video SRAM location will be validated.

Reset User Interface

This procedure will reset the user interface.

Application Checksum Verification

This procedure will check the user interface application software checksum and any software in the extended memory.

Touch Screen Calibration

Use this test to re-calibrate the touch screen. After entering this test, follow the instructions displayed on the user interface to perform, then exit the test.

GP 13 Installation Space Requirements

Purpose

To outline the general space requirements to enable safe use and adequate access for service.

WARNING

Do not work in a confined space. 1 m (39 inches) space is needed for safe working.

WARNING

USA and Canada. Do not install this machine in a hallway or exit route that does not have 1.12 m (44 inches) of space additional to the normal space requirements in front of the machine. To conform with fire regulations this additional 1.12 m (44 inches) of space is needed in front of the machine in hallway and exit routes.

Procedure

Refer to the following:

- Machine Height (4150)
- Machine Height (4250/4260)
- Machine Weight
- Machine Dimensions and Installation Space Requirements

Machine Height (4150)

Basic Machine

- Machine with the DADF lowered = 615mm (24.2 inches)
- Machine with the DADF raised = 820mm (32.2 inches)

Machine with Two Trays and Tall Stand

- Machine with the DADF lowered = 1085mm (42.7 inches)
- Machine with the DADF raised = 1295mm (51 inches)

Machine with Four Trays and Low Stand

- Machine with the DADF lowered = 1105mm (43.5 inches)
- Machine with the DADF raised = 1315 mm (51.7 inches)

Machine Height (4250/4260)

Basic Machine

- Machine with the DADF lowered = 641mm (25.2 inches)
- Machine with the DADF raised = 835mm (32.8 inches)

Machine with Two Trays and Tall Stand

- Machine with the DADF lowered = 1111mm (43.7 inches)
- Machine with the DADF raised = 1310mm (51.5 inches)

Machine with Four Trays and Low Stand

- Machine with the DADF lowered = 1130mm (44.5 inches)
- Machine with the DADF raised = 1330 mm (52.3 inches)

Machine with HCF

- Machine with the DADF lowered = 1166mm (45.9 inches)
- Machine with the DADF raised = 1385 mm (54.5 inches)

Machine Weight

- Basic machine = 45Kg (99lb)
- Each additional tray = 11.85Kg (26lb)
- Finisher = 10.5Kg (23lb)
- HCF = 26Kg (57.2lb)

Machine Dimensions and Installation Space Requirements

Table 1 shows the dimension of the machine and the installation space required for safe operation.

NOTE: *The dimensions shown in Table 1 allow for a 1 metre (39.4 inches) minimum safety workspace around the machine. To acquire the minimum safety workspace it may be necessary to move the machine within the area specified.*

Figure 1 represents a plan view of a machine installation and is to be read in conjunction with Table 1. The dimensions A and B outline a footprint of the machine within the boundary of safe operation, dimensions C and D. The dimension E indicates the area required for airflow / workspace at the rear of the machine.

Table 1 Working space requirements

Configuration	Machine width (A) mm / inches	Machine depth (B) mm / inches	Install width required (C) mm / inches	Install depth required (D) mm / inches	Install airflow / service workspace (E) mm / inches
4150 (without finisher)	622 / 24.4	490 / 19.2	1622 / 63.8	1490 / 58.6	178 / 7
4150 (with finisher)	1005 / 39.5	490 / 19.2	2005 / 78.9	1490 / 58.6	178 / 7
4250/4260 (without finisher)	622 / 24.4	516 / 20.3	1622 / 63.8	1516 / 59.6	178 / 7
4250/4260 (with finisher)	1005 / 39.5	516 / 20.3	2005 / 78.9	1516 / 59.6	178 / 7

NOTE: *The machine depth dimension does not include the stand stabilizing feet. The machine with finisher dimensions include the stacker tray.*

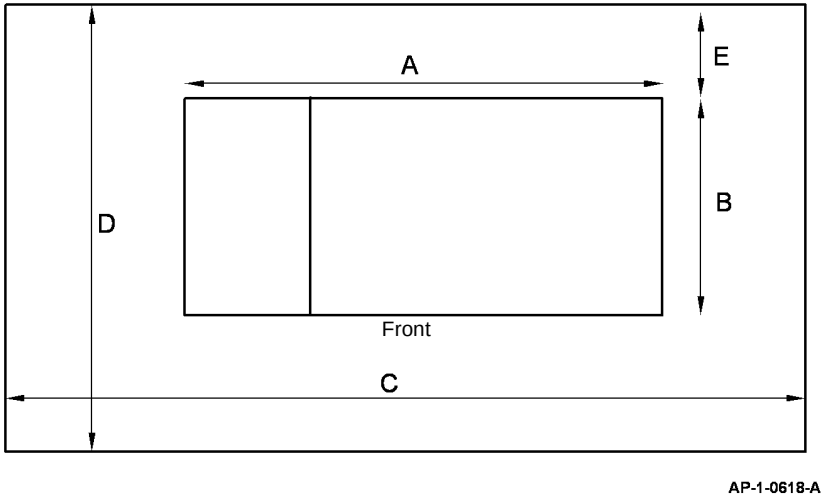


Figure 1 Installation plan

GP 14 Glossary of Terms, Acronyms and Abbreviations

Refer to Table 1.

Where possible unit designations as appear in ISO 1000 (International Organization for Standardization) and Xerox Standard MN2-905 have been used. All measurements appear in ISO units followed by any conversion in brackets e.g.; 22.5 mm (0.885 inches)

Table 1 Terms, Acronyms and Abbreviations

Term	Description
AAA	Authentication, Authorisation and Accounting
ABS	Automatic Background Suppression. ABSolute
ACK	Acknowledge
AGC	Automatic Gain Control
AHA	Advanced Hardware Architecture
AMCV	Average Monthly Copy Volume
AMPV	Average Monthly Print Volume
AMR	Automatic Meter Read
AMS	Automatic Magnification Selection
ANSI	American National Standards Institute
API	Application Programming Interface
APS	Auto Paper Selection
ARP	Address Resolution Protocol. Converts an IP address to a MAC address. See RARP.
ASIC	Application Specific Integrated Circuit
ASP	Authorized Service Provider
ASTM	American Standard Test Method
ATPD	Across The Process Direction
AZAP	Any Zone Any Paper
B	Bels (applies to sound power level units)
B (A)	Bels (A weighted) (applies to sound power level units)
B (A) I	Bels (A weighted) Impulse response (applies to sound power level units)
BABT	British Approvals Board for Tele-Communication
BAM	Bundes Anstalt fur Materialprufung
BEUI	BIOS Extended User Interface
Bluetooth	Wireless local area network
BootP	Boot Protocol. AN IP protocol for automatically assigning IP addresses.
bps	Bits per second
BS	Behavior Specification
BT	Busy Tone
C	Celsius
CAT	Customer Admin Tool
CB	Certification Bodies
CC	Copy Centre

Table 1 Terms, Acronyms and Abbreviations

Term	Description
CCA	Cenelec Certification Agreement
CCA	Customer Call Assistance
CCD	Charged Coupled Device
CCITT	Comite Consultatif International Telegraphique et Telephonique
CCR	Change Control Request
CD	Copy Darker. A copy density setting
CD-ROM	Compact Disk - Read Only Memory
CDDU	Controller and Drivers Delivery Unit
CDDUW	Controller and Drivers Delivery Unit - West Coast
CDS	Charge - deficient spot. A photoconductor defect that as a very small black spot (image quality parameter).
CED	Called Station Identification
CEH&S	Corporate Environmental Heath and Safety
CentreWare	CentreWare internet services is the embedded HTTP server application that is available on network enabled machines. It enables access to printing, faxing and scanning over the internet.
CFR	Confirmation To Receive
CISPR	Comite International Special des Perturbations
CID	Command Identification
CIG	Calling Subscriber Identification
CIS	Contact Image Sensor
CL	Copy Lighter. A copy density setting
Click Charge	Charge by copy/print rate
COD	Customer Operating Division
CPHI	Calls Per Hundred Installs
cpm	Copies per minute
CQ	Copy Quality
CR	Change Request
CRU	Customer Replaceable Unit
CRUM	Customer Replaceable Unit Monitor
CSE	Customer Service Engineer
CSF	Call Service Fault
CSMS	Customer Satisfaction Management System
Customer Drivers	Customer drivers are specially developed generally made with a driver toolkit. These drivers can provide a full set of features for Xerox printers. In the past, customers drivers have been provided for all major operating systems. A customer print driver is costly to develop, and does not used standard operating system components. For this reason, PPD / GPD solutions will be used in future whenever possible.
CTC	Continue To Correct
CTF	Contrast Transfer Function
CTR	Response For Continue To Correct

Table 1 Terms, Acronyms and Abbreviations

Term	Description
CTS	Clear To Send
CVT	Constant Velocity Transport
CWW	CentreWare Web
DADF	Duplex Automatic Document Feeder (feeds documents to a different stack)
DADH	Duplex Automatic Document Handler (feeds documents to bottom of existing feed stack)
DB	Database
dB	Decibel (applies to sound pressure level units)
dB(A)	Decibels (A weighted) (applies to sound pressure level units)
dB(A)I	Decibels (A weighted) Impulse response (applies to sound pressure level units)
dC	Diagnostic code
DC	Digital Copier
DC	Device Controller, generic term for any module that acts as a image handling device e.g., SIP. Digital Copier
DC	Direct Current
DC + Fax	Digital Copier with embedded Fax card
DCN	Disconnect
DCS	Digital Command Signal
DDF	Device Description File
DHCP	Dynamic Host Config Protocol (similar to BootP)
DIMM	Dual In Line Memory Module
DIN	Deutches Institute fur Normung
DLM	Dynamically Loadable Module
DMO-E	Developing Markets Operations East (was part of RX)
DMO-W	Developing Markets Operations West (was part of ACO)
DOS	Disk Operating Systems
DPHM	Defects Per Hundred Machines
DIS	Digital Identification Signal
DMA	Direct Memory Access
DMO	Developing Markets Operations
dpi	Dots per inch
DRAM	Dynamic Random Access Memory
DRS	Drum to Roll Spacing
DSR	Data Set Ready
DST	Daylight Saving Time
DT	Dial Tone
DTC	Digital Transmit Command
DTMF	Dual Tone Multiple Frequency
DU	Density Units

Table 1 Terms, Acronyms and Abbreviations

Term	Description
Dust Off	Routine to return machine to pre-install state
EAA	Electron Auditron Administrator
EBS	Electronic Billing Service
EC	European Community
ECE	External Customer Engagement
ECM	Error Correction Mode. Electronic Counter Measure
EEC	European Economic Community
EET	Edge Enhancement Technology
EH&S	Environmental Health and Safety
ELOG	Electronic Log
EMC	Electromagnetic Compatibility
Embedded Fax	A fax system included in a system device
EME	Electromagnetic Emission
EN	European Norm
EOL	End Of Line
EOM	End Of Message
EOP	End Of Procedure
EOR	End Of Retransmission
EPA	Environmental Protection Agency
EPC	Electronic Page Collation (memory dedicated to temporary retention of images captured from the scanner and network controller)
EPROM	Erasable / Programmable Read Only Memory
EP-SV	Electronic Partnership Supervisor (kit)
EQM	Eye Quality Monitor
ERR	End Retransmission Response
ERU	Engineer Replaceable Unit
ESD	Electrostatic Discharge
ESG	European Solutions Group
ESS	Electronic Sub-System. For this machine use NC
ETP	Electronic Test Pattern
EU	European Union
EUR	Europe
FAX	Facsimile
FCC	Federal Communications Commission
FCD	Facsimile Coded Data
FCS	Facsimile Checking Sequence
FCOT	First Copy Out Time
FD	Functional Description
FEK	Feature Enablement Key
FER	Feature Enhancement Request
FID	Foreign Interface Device

Table 1 Terms, Acronyms and Abbreviations

Term	Description
FIF	Facsimile Information Field
FIFO	First In First Out
FireWire	IEEE 1349. High speed serial communications system, comprising hardware plus protocol. Operates at 100, 200 or 400 Mbits/s, with 800 Mbits/s under development. See USB and RS-232
firmware	Software in a chip which cannot be altered
FLASH	On board erasable and reprogrammable non volatile memory
FOIP	FAX Over Internet Protocol
FPGA	Field Programmable Gate Array
FPOT	First Print Out Time
FRU	Fuser Replacement Unit
FSK	Frequency Shift Keying
FSMA	Field Service Maintenance Agreement
FTP	File Transfer Protocol
FTT	Failure To Train
FX	Fuji Xerox
G3	Group 3
GC	Group Command
GDI	Graphical Display Interface
GI	Group Identification
GLCD	Graphic Liquid Crystal Display
GND	Ground
GPD Minidrivers	A Generic Printer Description file has a function similar to PPD files. This format was developed by Microsoft to provide a simple method to develop drivers for non-postScript printers. Standard GPD minidrivers share the same lamentations as the PPD minidrivers, but they too can be enhanced using plug-ins. GPD Minidrivers are a new technology introduced for Windows 2000 and they will also be supported Windows NT 4. In Windows 95/98, a similar, but less powerful ‘unidriver’ format was used.
GS	German safety
gsm	Grams per square metre
GUI	Graphics User Interface
HC	High Capacity
HDD	Hard Disk Drive
HDLC	High Level Data Link Control
HFLEN	High - Frequency (random) Line - Edge Noise. image quality metric.
HFSI	High Frequency Service Intervals
HLD	High Level Design. A document that defines the software high level design.
HTTP	Hyper Text Transfer Protocol
HUI	Hybrid User Interface

Table 1 Terms, Acronyms and Abbreviations

Term	Description
HVPS	High Voltage Power Supply
Hz	Hertz
IB	InBoard
I2C-bus	Inter Integrated Circuit bus. This provides a simple bidirectional 2-wire bus for efficient inter-IC control. All I2C-bus compatible devices incorporate an interface which allows them to communicate directly with each other via the I2C-bus.
ICAT	Internal Customer Acceptance Test
ICE	Internal Customer Engagement
ID	Identification
IEC	International Electrotechnical Commission
IEE	Institute of Electrical Engineers
IEEE 1284	Parallel port communication
IETF	Internal Engineering Task Force
IFAX	Internet Fax
IIT	Image Input Terminal
IM	Interim Maintenance
Intlk	Interlock
IOT	Image Output Terminal
IOTC	Image Output Terminal Controller (IOT PWB, LVPS and HVPS). Sometimes referred to as the Power and Control Assembly.
IP	Internet Protocol
IPA	Image Processing Accelerator. Used by the machine scanning services to convert scanned images to a standard format e.g. for scan to file / scan to E-mail for network transmission.
IPM	Incremental Preventative Maintenance
IPM	Images per minute
IPP	Internet Printing Protocol
IPS	Image Processing Service
IPS1	Image Processing System
IPX	Internetwork Protocol eXchange
IQ	Image Quality
IR	Infra Red
ISDN	Integrated Services Digital Network / International Standard Data Network
ISIL	Inter and Side Image Lamp
ISO	International Standards Organisation
ITP	Internal Test Pattern
ITTCC	International Telegraph and Telephone Consultative Committee
ITU -T	International Telecommunications Union - Telecommunication
JBA	Job Based Accounting (Network Accounting)
JBIG	Joint Bi-Level Image Experts Group file interchange format

Table 1 Terms, Acronyms and Abbreviations

Term	Description
jitter	A line of missing or corrupted information in the fast scan direction.
JPEG	Joint Photographic Experts Group file interchange format
kg	kilogram
kHz	kilohertz
Kill All	Routine to return all NVM, including protected NVM, to a virgin state. Factory use only
KO	Key Operator
LAA	Local Area Addressing
LAN	Local Area Network
LCD	Liquid Crystal Display
LCDM	Liquid Crystal Display Module
LCS	Line Conditioning Signal
LDAP	Lightweight Directory Access Protocol (allows sharing of corporate phone book information)
LE	Lead edge
LED	Light Emitting Diode
LEF	Long Edge Feed
LEISUS	Low End Interface Unsolicited Status-B
LG	Legal
LOA	Load Object Attributes
lpi	Lines per inch
LSI	Large Scale Integration
LT	Letter
LVPS	Low Voltage Power Supply
Lwr	Lower
LUI	Local user Interface
m	metre
MAC Address	Media Access Code. This is the basic, unique identifier of a networked device. An incoming message is analysed and an address in another form, such as an IP address, is resolved by a lookup table to a MAC address. The message is then directed to, and accepted by the equipment thus identified. It is the burnt-in, hardware address of a NIC.
MB	Megabyte (one MB = 1,048,576 bytes = 1024 kilobytes). Mail Box
Mb	Mega bit (one million bits)
MCB	Main Control Board
MCF	Message Confirmation
MF	Multifunction
MFLEN	Mid - Frequency (random) Lines - Edge Noise
MH	Modified Huffman
MIB	Machine Information Block. SNMP database element
MJ	Modular Jack
mm	millimetre

Table 1 Terms, Acronyms and Abbreviations

Term	Description
MMC	Microsoft Management Console
MMR	Modified Modified Read compression
MN	Multi - National
Modem	MOdulator/DEModulator. Hardware unit that converts the ‘one’ and ‘zero’ binary values from the computer to two frequencies for transmission over the public telephone network (modulation). It also converts the two frequencies received from the telephone network to the binary values for the computer (demodulation).
Moire	Image quality defect caused by interference between patterned originals and the digital imaging process. Moire patterns are repetitive and visible as bands, plaids or other texture.
MPS	Multi-Page Signal
MR	Modified Read compression
MRD	Machine Resident Diskette
MRC	Modified Read Compression
MSG	Management Steering Group
ms	millisecond
MSI	Multi-Sheet Inserter
MSO	Mixed Size Originals
MSOK	Master System Option Key
MMSOK	Manufacturing Master System Option Key
MX	Modi Xerox
N	Newton
NASG-N	North American Solutions Group (equivalent to XCI)
NASG-S	North American Solutions Group (equivalent to USCO)
nC	nanoCoulomb
NC	Network Controller (equivalent to ESS).
NC	Normal Contrast. Copy contrast setting
NCR	No Copying Required
NCU	Network Control Unit
NDS	NetWare Domain Services or Novell Directory Services
NDS Context	NetWare Domain Services Context
NDS Tree	NetWare Domain Services Tree
NetBEUI	NetBIOS Extended User Interface. A network device driver or transport protocol that is the transport driver supplied with LAN Manager. It can bind with as many as eight media access control drivers.
NetBIOS	Network Basic Input / Output System. Software developed by IBM that provides the interface between the PC operating system, the I?O bus, and the network. Since its design, NetBIOS has become a de facto standard.
NGI	Next Generation Infrastructure (new files and mail servers)
NIC	Network Interface Card. Converts the data to a form suitable for transmission and reception. Uses ARP and RARP.

Table 1 Terms, Acronyms and Abbreviations

Term	Description
Nm	Newton metre
NOHAD	Noise, Ozone, Heat, Airflow and Dust
NP	Printer configuration
NS	Normal Sharpness. Copy sharpness setting
NSC	Non-Standard Facilities Command
NSF	Non-Standard Facilities
NSS	Non-Standard Set-Up
NSSD	Network. The SESS and CentreWare development team based in Rochester NY. This group is now named CDDU.
NVM	Non-Volatile Memory
OA	Open Architecture
OB	Out Board
OEM	Original Equipment Manufacturer
OGM	On Going Maintenance
OpCo	Operating Company
OSA	Online support Assistant
OSCG	Office Systems Component Group
OSOK	Optional System Option Key
P/R	Photoreceptor
PABX	Private Automatic Branch Exchange
PC	Personal Computer
PC Fax	Personal Computer Fax
PCI	Peripheral Component Interface
PCI	Personal Computer Interface
PCL	Printer Control Language
PCMCIA	Personal Computer Memory Card International Association
PD	Process Direction
PDF	Adobe Acrobat Portable Document Format
PDL	Page Description Language
PDT	Product Delivery Team
PEK	Product Enablement Key
Pels	Picture Data (Pixel)
PFM	Paper Feed Module
PHI	per Hundred Installs
PIN	Procedural Interrupt Negative
PIN	Personal Identification Number
ping	Packet InterNet Groper. Tool to test connections between nodes by sending and returning test data.
PIP	Procedural Interrupt Positive
PJL	Printed Job Language. Hewlett Packard page description language.
PMC	Programme Management Committee

Table 1 Terms, Acronyms and Abbreviations

Term	Description
POPO	Power Off Power On
POO or P of O	Principles of Operation
POST	Power On Self Test
PPC	Power PC. A EPROM manufacturer
PPD	Postscipt Printer Description. A PPD file is a simple formatted text file that contains a description of the printers features and the corresponding PostScipt ‘code’ needed to activate each feature. Apple LaserWrite drivers and application programs such as Adobe PageMaker can use PPD files. With a OOD file, many of the printing features of a network printer can be made available to users. However advanced features such as LAN Fax, Accounting and Exception Page Programming cannot be provided.
PPD Minidrivers	PPD minidrivers are available in Windows operating systems (from Windows 95 onwards). With these, a Xerox - supplied PPD file is used in conjunction with an operating system supplied driver ton create a PostScript driver tailored for a specific device. In windows 95/98, a driver provided by this method has lamentations and not all devices features can be made available to the user. With Windows NT 4 and Windows 2000, it is possible to make more features available by using a user interface rendering plug - in. In this document, if the driver is to be provided with If no plug-ins are provided, then it is called a standard minidriver.
PPHI	Problems Per Hundred Installs
ppm	Prints per minute / Parts Per Million
PPR	Partial page Request
pps	Partial Page Signal / pulses per second
PPS	Product Performance Specification
PR	Photo-Receptor
PRI-EOM	Procedure Interrupt-EOM
PRI-EOP	Procedure Interrupt-EOP
PRI-MPS	Procedure Interrupt-MPS
PSM1	Power Save Mode 1 (low power mode)
PSM 3	Power Save Mode 3 (sleep mode)
PS	Post Script
PSTN	Private Switched Telephone Network
PSW	Portable Service Workstation
PTT	Post, Telephone, Telegraph (national public utilities)
PVC	Poly Vinyl Chloride
PVT	Product Verification Test
PWB	Printed Wiring Board
PWS	Portable Work Station
QIT	Quality Improvement Team
RAM	Random Access Memory

Table 1 Terms, Acronyms and Abbreviations

Term	Description
RARP	Reverse Address Resolution. Reverse of ARP. Converts a MAC address to an IP address. The document centre resolves its address using RARP. See also MAC, NIC and ARP.
RBT	Ring Back Tone
RCA	Remote Customer Assistance
RDT	Remote Data Transfer
R/E	Reduction / Enlargement
REN	Ringer Equivalence Number
RFC	Request for comment. An IETF standard reference.
ROHS	Restriction of Hazardous Substances
RPC	Remote Procedure Call
RH	Relative humidity
RIC	Remote Interactive Communications
RIS	Raster Input Scanner
Riser PWB	A card that increases the number of PCI slots.
RJ 45	Phone type network connector
RM	Requirements Management
RMS	Root Mean Square (AC value)
RNR	Receive Not Ready
RO	Regional Operations
ROS	Raster Output Scanner
RR	Receive Ready
RRB	Requirements Review Board
RS-232, RS-423, RS-422, RS-485	Series of standards for serial communication of data by wire. RS-232 operates at 20 kbits/s, RS-423 operates at 100 kbits/s, RS-422 and RS-485 operate at 10 Mbits / s. See FireWire and USB.
RTN	Retrain Negative
RTP	Retrain Positive
RTS	Request To Send
Rx	Receive
SA	Systems Administration
SAD	Solid Area Density
SAF	Safety
SAKO	Systems Administration Key Operator
SAP	Service Advertising Protocol. a network device will broadcast its capabilities onto the network at a defined intervals.
SAP	Service Advertising Protocol
SAR	Semi-Active Retard feeder
SCD	Software Compatibility Database
SCF	Second Cassette Feeder
SCM	Software Configuration Management

Table 1 Terms, Acronyms and Abbreviations

Term	Description
SCN	Specification Change Notice
SCR	Software Change Request
SCSI	Small computer Systems Interface
SCT	Simple Catch Tray
S/D	Shut Down
SDK	Software Development Kit
SDP	Software Development Plan
SDR	Shut Down Rate
SDRAM	Synchronous Dynamic Remote Access Memory
Server Fax	A fax system that uses a remote Fax server. Faxes transmit as a Scan to File job sent to the server. Fax receive as print jobs submitted to the Connection Device.
SEF	Short Edge Feed
SESS	Strategic Electronic Sub-System
SIM	Scanner Input Module
SIP	Scanning and Image Processing
SIR	Standard Image Reduction
Sixth Sense	A single device and group management tool
SLP	Service Location Protocol (finds servers)
SM	Scheduled Maintenance
SMB	Server Message Block. Microsoft Server / Client Communications protocol
SMP1	Service Maintenance Pack 1 (contains a software package)
SPAR	Software Problem Action Request
SNMP	Simple Network Management Protocol
Snr	Sensor
SOD	System Operating Description
SPL	Sound Pressure Level
SPP	Short Paper Path
spi	Spots per inch
SPID	Service Profile Identification
SQA	Software Quality Assurance
SR	Service Representative
SRAM	Static Random Access Memory
SRC	Software Requirements
SS or S/S	Sub System
ST	System Terminal Device. Multi-functional device as defined by Energy Star (includes DC / NC and DC / NC / Fax)
STP	Standard Test Pattern
SW	Switch
SW or S/W	Software

Table 1 Terms, Acronyms and Abbreviations

Term	Description
SWL	Sound Power Level
system kernel	Minimal operating system
T & M	Time and Materials
TAR	Take away Roll
TBC	To Be Confirmed
TBD	To Be Defined
TCP / IP	Transmission Control Protocol / Internet Protocol
TE	Trail Edge
Template	A collection of Scan to File attributes that can be conveniently re-used.
TC	Toner Concentration
TCF	Training Check Field
TEI	Terminal Endpoint Identifier
TIFF	Tagged Image File Format
TIFF FX	TIFF Fax eXtended
TIFFX	Tagged Image File Format - for internet FAX
TP	Test Point
TPM	Technical Programme Manager
Transmissive LCD	Liquid Crystal Display lit from the back
TRC	Toner Reproduction Curve
TRN	Train
TSH	Technical Service Hours
TSI	Transmit Subscriber Identification
TTY	Teletype Terminal
TUI	Textual User Interface
Tx	Transmit
UGD	An upgrade file, i.e. filename.ugd
UART	Universal Asynchronous Receiver Transmitter
UDP	User Datagram Protocol
UI	User Interface (display screen)
UK	United Kingdom
UM	Unscheduled Maintenance
UMR	Unscheduled Maintenance Rate
URL	Universal Resource Locator
USB	Universal Serial Bus. High speed successor to parallel port for local device communications. Operates at 12 Mbits / s. See FireWire and RS-232.
USCO	United States Customer Operations
UTP	Unsheilded Twisted Pair
V.17 / V.29 / V.34	Modem standards
VALO	Value Added Logistic Organisation
VAR	Value Added Reseller

Table 1 Terms, Acronyms and Abbreviations

Term	Description
VDE	Verband Deutscher Elektrotechniker
VGA	Video Graphics Array
VOIP	Voice Over Internet Protocol
WC	WorkCentre
WC + PS	WorkCentre + PostScript print drivers
WCP	WorkCentre Pro
WEB UI	CentreWare Internet Services
WINS	Window Internet Name Service
XAP	Xerox Asia Pacific
XC	Xerox Canada
XCMI	Xerox Common Management Interface
XE	Xerox Europe
XI	Xerox Initiated
XL	Xerox Limited
XLA	Xerox Latin America
XOG	Xerox Office Group
XRU	Xerographic Replacement Unit
XSA	Xerox Standard Accounting
XUL	Xerox Unique Login enables use of the xerox corporate directory

GP 15 Shading Test

Go to ADJ 14.1 Shading Adjustment.

GP 16 High Frequency Service Items

Purpose

To provide the service engineer with a method to view the service history of the high frequency service items (HFSI). The service engineer can reset the counters and change the setting of the maximum life and threshold value of each HFSI item.

Procedure

Enter diagnostics GP 1. Select the Service Info window and touch the HFSI feature to select the HFSI table.

The five columns in the HFSI table on the display screen are:

- The Item column, shows the HFSI item to be tracked.
- The Status column, indicates the status of an item relative to its threshold setting. Values are “Off” (not tracked), “OK” or “Check”.
- The Unit column, shows the events that are being used to track the item.
- The Actual column, shows the actual count value against the HFSI item.
- The Max. Life column, shows the maximum life count value of the HFSI item.

The Actual and Maximum Life count value have a numeric range of 0 to 9999999 for all HFSI items.

The first item in the HFSI table will be the item that requires attention (if needed) then the item will be displayed as “Check”. If the item has not yet reached threshold the “OK” is displayed.

To change the maximum life or threshold value of each HFSI item, perform the following:

1. Select and highlight the HFSI item to change.
2. Touch the Edit button.
3. Enter the new value using the numeric keypad. The new value will overwrite the existing value in the table. Touch the Save button to enter the new maximum life or threshold value into the file. If the entered value is incorrect, press the Undo button. This stops the process and the old value is retained.

A threshold value of zero indicates that there is no threshold value assigned to the item and the status will be “Off” (not tracked).

The maximum life setting and the threshold settings are independent of each other. The threshold value can exceed the maximum life value.

To reset the HFSI item Actual count value to zero, perform the following:

1. Select and highlight the HFSI item to reset.
2. Touch the Reset button,
3. Touch the OK button to reset the count value to zero.

For details of high frequency service items, refer to SCP 5 Subsystem Maintenance.

GP 17 Restriction of Hazardous Substances (RoHS)

Purpose

To give information on the RoHS Directive.

The RoHS Directive restricts the use of certain hazardous substances in electrical and electronic equipment. It applies to equipment placed in the European Union (EU) market. The directive takes effect from 1st July 2006.

NOTE: *Currently these restrictions are only for the European Union (EU) market and some associated countries. For more information go to www.Xerox.com.*

The hazardous substances are:

- Lead (Pb)
- Mercury (Hg)
- Cadmium (Cd)
- Hexavalent Chromium (Cr 6+, Cr [VI])
- Polybrominated Diphenyl Ethers (PBDE's)
- Polybrominated Biphenyls (PBB's)

Identification of a RoHS Compliant Machine

Xerox will maintain a central list of RoHS compliant machines.

This general procedure is for information only. All WorkCentre 4150/4250/4260 machines are RoHS compliant.

GP 18 Scan Edge Print

Purpose

Use this procedure to test the document edge detection routine.

Procedure

NOTE: *Before performing the scan edge print, ensure the DADF is lowered.*

Perform the following:

1. Enter diagnostics, GP 1.
2. Select **Other Routines**.
3. Select **Scan Edge Print**.
4. Exit diagnostics. The scan edge print will be printed.
5. If the following co-ordinates are displayed, the scan edge print is good:
   Valid Image [0: 80] [0: 416]
   Scan Image [0: 320] [0: 1664]

GP 19 Memory Clear

Purpose

Use this procedure to clear the machine memory and restore the factory settings.

Procedure

Before performing a memory clear, inform the customer that all address books and mailboxes will be deleted. Also, all machine settings will be reset to default.

If possible, before performing a memory clear, print the following reports, refer to GP 5:

1. Fax phone book.
2. Local and group members email address books.
3. System configuration.

Perform the following:

1. To save the machine settings, ask the customer to export the fax address book, local and group email address books, then perform a cloning procedure from the web UI.
2. Enter diagnostics, GP 1.
3. Select **Other Routines**.
4. Select **Memory Clear**.
5. The memory clear will result in the following:
   - The contents of the fax address books to be deleted.
   - Mail boxes to be deleted.
   - Templates to be deleted from the hard disk.
   - NVM values to be reset to default.
   - If the machine has a fax, the fax will have to be re-installed.
6. Ask the customer to import the fax address book, local and group email address books, then install the clone file from the web UI.

GP 20 Format Hard Disk (4250/4260)

Purpose

Use this procedure to re-format the machine hard disk and restore the factory default settings.

NOTE: *This routine is not available on the 4150.*

Procedure

Before re-formatting the hard disk, inform the customer that all stored data and jobs, scan templates and local and group address books will be deleted.

Perform the following:

1. To save the machine settings and templates, ask the customer to export the fax address book, local and group email address books, then perform a cloning procedure from the web UI.
2. Enter diagnostics, GP 1.
3. Select **Other Routines**.
4. Select **Format Hard Disk**.
5. The hard disk will be re-formatted and the email address books and templates will be deleted.
6. Ask the customer to import the fax address book, local and group email address books, then install the clone file from the web UI.

GP 21 Set Machine Serial Number

Purpose

Use this procedure to input the correct serial number in the event of a machine ID error or a change to the customer billing plan that requires a new MSOK and PEK.

Procedure

Go to the relevant procedure:

- 4150 Serial Number
- 4250/4260 Serial Number

4150 Serial Number

The 4150 does not have a diagnostic routine to modify the serial number.

The 4150 serial number is input during manufacture, it resides in the main PWB NVM and is written to the MSOK on initial machine startup. The serial number is then stored on both the MSOK and the main PWB NVM.

MSOK for Billing Plan Change

A Billing Plan change requires a new MSOK, and a new PEK. The machine serial number is written to the MSOK from the main PWB NVM. The original FEK(s) can be reused to enable optional features.

4250/4260 Serial Number

The machine serial number is stored on both the MSOK chip and NVM chip. Both chips reside on the MSOK. The original PEK can be used when a new MSOK is installed.

A replacement MSOK is only available from Field Engineering.

Perform the following:

1. Enter diagnostics, GP 1.
2. Select **Other Routines**.
3. Select **Set machine Serial Number**.
4. Enter the correct serial number.

dC001 Reset Auditron Master PIN

Purpose

To reset the Auditron and the System Administration password to the default, (1111).

NOTE: *The Auditron and the System Administration password is the same item.*

Procedure

1. Enter diagnostics, GP 1.
2. Select **Diagnostic Routines**, then select **Other Routines**, then select **001 Reset Auditron Master PIN**.
3. Select **Reset Auditron Master PIN**.
4. Select confirm or cancel.

dC109 Embedded Fax Protocol Report

Purpose

This procedure allows the CSE to print out the Fax protocol report. The protocol report contains the protocol information about the last fax transmissions. The protocol report contains the following:

- Date and time.
- The Fax number and Fax name.
- Machine firmware versions.
- The communication summary with the time and a FCF column. The FCF column will display abbreviations, refer to Table 1.

Procedure

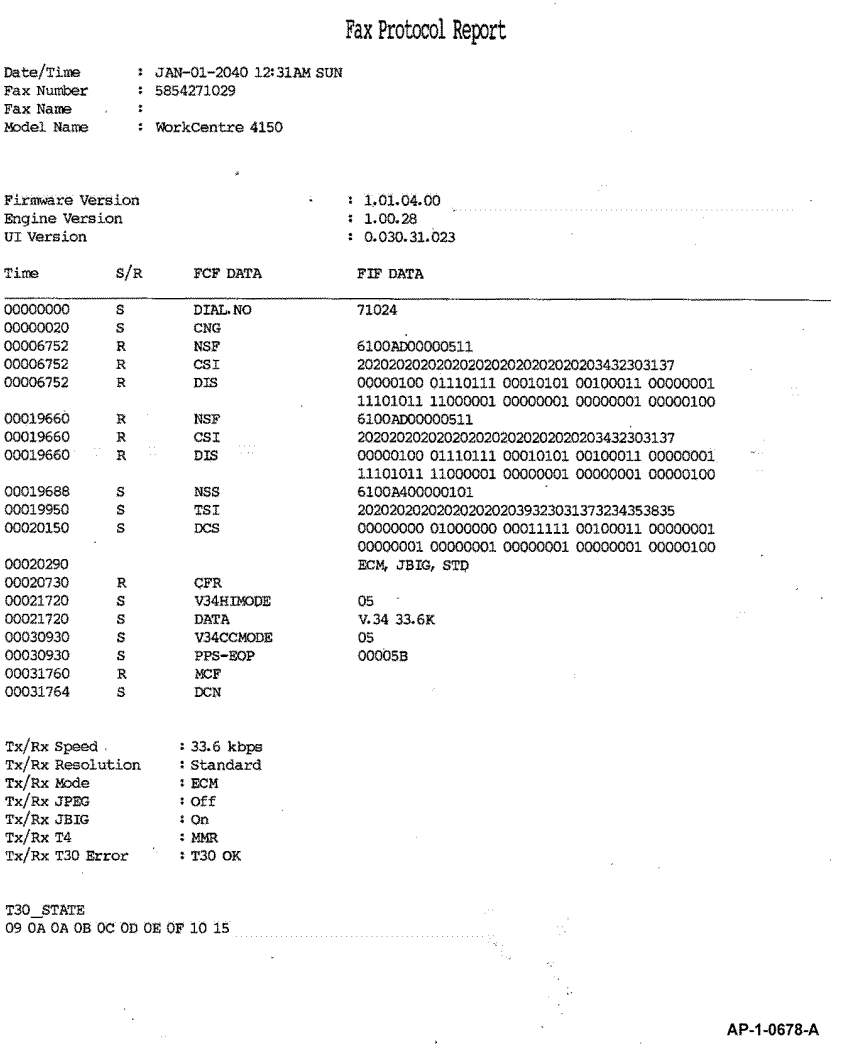
1. Enter diagnostics, GP 1.
2. Select **Diagnostic Routines**.
3. Select **Fax dC Routines**, then select **109 Protocol Report**.
4. Select **Print**.
5. The Print Report button greys out until the job has been submitted. The Fax card builds the protocol report job and places the job in the Fax NVM. This is the equivalent of an active Fax job in the Fax card queue.
6. The protocol report prints out.

Analyse the Fax Protocol Report.

For an example of a Fax protocol report, refer to Figure 1.

- The time column records the time at which each event occurs, from the start of the communication.
- The S/R column shows if the Fax job was sent or received.
- The FCF data column contains information regarding the type of information being exchanged.
- The FIF column providing a Hex value of the data information contained in the G3 facsimile information field.

If the protocol report shows a fault and go to the 20-100 to 20-900 Fax Faults RAP. if the protocol report does not show a fault, go to the 20A Fax Faults Without a Code RAP.



Fax Protocol Report

```
Date/Time       : JAN-01-2040 12:31AM SUN
Fax Number      : 5854271029
Fax Name        :
Model Name      : WorkCentre 4150


Firmware Version                    : 1.01.04.00
Engine Version                      : 1.00.28
UI Version                          : 0.030.31.023

Time        S/R     FCF DATA        FIF DATA
-------------------------------------------------------------------------------
00000000    S       DIAL.NO         71024
00000020    S       CNG
00006752    R       NSF             6100AD00000511
00006752    R       CSI             2020202020202020202020202020203432303137
00006752    R       DIS             00000100 01110111 00010101 00100011 00000001
                                    11101011 11000001 00000001 00000001 00000100
00019660    R       NSF             6100AD00000511
00019660    R       CSI             2020202020202020202020202020203432303137
00019660    R       DIS             00000100 01110111 00010101 00100011 00000001
                                    11101011 11000001 00000001 00000001 00000100
00019688    S       NSS             6100A400000101
00019950    S       TSI             2020202020202020202039323031373234353835
00020150    S       DCS             00000000 01000000 00011111 00100011 00000001
                                    00000001 00000001 00000001 00000001 00000100
00020290                            ECM, JBIG, STD
00020730    R       CFR
00021720    S       V34HIMODE       05
00021720    S       DATA            V.34 33.6K
00030930    S       V34CCMODE       05
00030930    S       PPS-EOP         00005B
00031760    R       MCF
00031764    S       DCN


Tx/Rx Speed         : 33.6 kbps
Tx/Rx Resolution    : Standard
Tx/Rx Mode          : ECM
Tx/Rx JPEG          : Off
Tx/Rx JBIG          : On
Tx/Rx T4            : MMR
Tx/Rx T30 Error     : T30 OK


T30_STATE
09 0A 0A 0B 0C 0D 0E 0F 10 15
```

AP-1-0678-A

Figure 1 Fax protocol report

Table 1 Abbreviations

Term	Description
ANSam	Modulated answer tone
CED	Called terminal identification
CFR	Confirmation to receive

Table 1 Abbreviations

Term	Description
CI	Call indicator
CIG	Calling subscriber indentation
CJ	CM terminator
CM	Call menu
CNG	Calling tone
CRP	Command repeat
CSI	Called subscriber identified
CTC	Continue to correct
CTR	Response for continue to correct
DCN	Disconnect
DCS	Digital command signal
DIS	Digital identification signal
DTC	Digital transmit command
EOM	End of message
EOP	End of procedure
EOR	End of retransmission
ERR	Response for end of transmission
FCF	Facsimile control field
FIF	Facsimile information field
FTT	Failure to train
JM	Joint menu
MCF	Message confirmation
MPS	Multi page signal
NSC	Non to standard facilities command
NSF	Non to standard facilities
NSS	Non to standard setup
PID	Procedure interrupt
PIN	Procedure interrupt negative
PIP	Procedure interrupt positive
PPS	Partial page signal
PPR	Partial page request
PRI-EOM	Procedure interrupt to EOM
PRI-EOP	Procedure interrupt to EOP
PRI-MPS	Procedure interrupt to MPS
PWD	Password for (polling)
PWD	Password for (transmission)
RCP	Return to control for partial page
RNR	Receive not ready
RR	Receive ready
RTN	Retrain negative
RTP	Retrain positive

Table 1 Abbreviations

Term	Description
SEP	Selective polling
SUB	Subaddress
TCF	Training check
TSI	Transmitting subscriber identification

dC131 NVM Read/Write

Purpose

To review and modify values within the machine configuration and control parameters stored in NVM.

Description

Each NVM item is identified using a chain and location code in the form XX-XXX, where XX- is the chain prefix, and -XXX is an identifier in the range 001 to 999. For example 05-100.

Procedure

1. Enter diagnostics, GP 1.
2. Select **Diagnostic Routines**.
3. Select the required dC routine category:
   - **Copier Routines**.
   - **Fax dC Routines**.
4. Select **131 NVM Read/Write**.
5. Select the appropriate button for the NVM chain to be viewed.
6. Use the scroll buttons to view the other NVM locations of the chain.
   - Use the keyboard to type the three digit identifier code into the Find: field and then touch the Find: button. This puts the found NVM value at the top of the list.

     NOTE: *Press the keypad C button to reset the Find: button to 000.*
7. Touch the selected NVM in the list, and touch the Read/Write button.
   - The Read/Write window will open for editable NVM, and the Read Only window will open for Read Only (protected) NVM.
8. Refer to the tables that follow for NVM chain locations and parameters:
   - Table 1 NVM chain 5
   - Table 2 NVM chain 6
   - Table 3 NVM chain 7
   - Table 4 NVM chain 8
   - Table 5 NVM chain 9
   - Table 6 NVM chain 10
   - Table 7 NVM chain 20
9. When the values of an editable NVM have been changed, switch off the machine, then switch on the machine, to check and evaluate the changes made to the NVM.

NOTE: *If the NVM default characters exceed 10 characters only the first eight characters are displayed in the list. The full string is displayed in the Read/Write window.*

NOTE: *Selecting Reset will cause the selected NVM location to be reset to its default value. Selecting Cancel closes the window and cancels any changes made in the now closed window.*

NOTE: *The CSE cannot read or modify any NVM that contains customer administrative or accounting data.*

NOTE: *The Read Only (protected) NVM can only be changed using a password obtained from Xerox.*

Table 1 NVM chain 5

Location	NVM Name	NVM Description	Value	Default
05-700	ADF Roller Life Page Counter	(Read only)		
05-710	ADF Rubber Pad Life Page Counter	(Read only)		

Table 2 NVM chain 6

Location	NVM Name	NVM Description	Value	Default
06-100	Vertical Magnitude	The changed dimension of the vertical direction magnitude.	0 to 6 (12 steps / 0.5mm seg.)	3
06-110	Horizontal Magnitude	The changed dimension of the horizontal direction magnitude.	0 to 6 (12 steps / 0.5mm seg.)	3

Table 3 NVM chain 7

Location	NVM Name	NVM Description	Value	Default
07-100	Top Registration Tray 1 Simplex	The changed dimension of tray 1 top registration in simplex.	0 to 6 (12 steps / 0.5mm seg.)	3
07-110	Side Registration Tray 1 Simplex	The changed dimension of tray 1 side registration in simplex.	0 to 6 (12 steps / 0.5mm seg.)	3
07-120	Top Registration Tray 1 Dup_long (2nd side)	The changed dimension of tray 1 top registration of 2nd side in duplex long.	0 to 6 (12 steps / 0.5mm seg.)	3
07-130	Side Registration Tray 1 Dup_long (2nd side)	The changed dimension of tray 1 side registration of 2nd side in duplex long.	0 to 6 (12 steps / 0.5mm seg.)	3
07-140	Top Registration Tray 1 Duplex (1st side)	The changed dimension of tray 1 top registration of 1st side in duplex long and short.	0 to 6 (12 steps / 0.5mm seg.)	3
07-150	Side Registration Tray 1 Duplex (1st side)	The changed dimension of tray 1 side registration of 1st side in duplex long and short.	0 to 6 (12 steps / 0.5mm seg.)	3
07-200	Top Registration Tray 2 Simplex	The changed dimension of tray 2 top registration in simplex.	0 to 6 (12 steps / 0.5mm seg.)	3

Table 3 NVM chain 7

Location	NVM Name	NVM Description	Value	Default
07-210	Side Registration Tray 2 Simplex	The changed dimension of tray 2 side registration in simplex.	0 to 6 (12 steps / 0.5mm seg.)	3
07-220	Top Registration Tray 2 Dup_long (2nd side)	The changed dimension of tray 2 top registration of 2nd side in duplex long.	0 to 6 (12 steps / 0.5mm seg.)	3
07-230	Side Registration Tray 2 Dup_long (2nd side)	The changed dimension of tray 1 side registration of 2nd side in duplex long.	0 to 6 (12 steps / 0.5mm seg.)	3
07-240	Top Registration Tray 2 Duplex (1st side)	The changed dimension of tray 2 top registration of 1st side in duplex long and short.	0 to 6 (12 steps / 0.5mm seg.)	3
07-250	Side Registration Tray 2 Duplex (1st side)	The changed dimension of tray 2 side registration of 1st side in duplex long and short.	0 to 6 (12 steps / 0.5mm seg.)	3
07-300	Top Registration Tray 3 Simplex	The changed dimension of tray 3 top registration in simplex.	0 to 6 (12 steps / 0.5mm seg.)	3
07-310	Side Registration Tray 3 Simplex	The changed dimension of tray 3 side registration in simplex.	0 to 6 (12 steps / 0.5mm seg.)	3
07-320	Top Registration Tray 3 Dup_long (2nd side)	The changed dimension of tray 3 top registration of 2nd side in duplex long.	0 to 6 (12 steps / 0.5mm seg.)	3
07-330	Side Registration Tray 3 Dup_long (2nd side)	The changed dimension of tray 3 side registration of 2nd side in duplex long.	0 to 6 (12 steps / 0.5mm seg.)	3
07-340	Top Registration Tray 3 Duplex (1st side)	The changed dimension of tray 3 top registration of 1st side in duplex long and short.	0 to 6 (12 steps / 0.5mm seg.)	3
07-350	Side Registration Tray 3 Duplex (1st side)	The changed dimension of tray 3 side registration of 1st side in duplex long and short.	0 to 6 (12 steps / 0.5mm seg.)	3
07-400	Top Registration Tray 4 Simplex	The changed dimension of tray 4 top registration in simplex.	0 to 6 (12 steps / 0.5mm seg.)	3
07-410	Side Registration Tray 4 Simplex	The changed dimension of tray 4 side registration in simplex.	0 to 6 (12 steps / 0.5mm seg.)	3
07-420	Top Registration Tray 4 Dup_long (2nd side)	The changed dimension of tray 4 top registration of 2nd side in duplex long.	0 to 6 (12 steps / 0.5mm seg.)	3
07-430	Side Registration Tray 4 Dup_long (2nd side)	The changed dimension of tray 4 side registration of 2nd side in duplex long.	0 to 6 (12 steps / 0.5mm seg.)	3
07-440	Top Registration Tray 4 Duplex (1st side)	The changed dimension of tray 4 top registration of 1st side in duplex long and short.	0 to 6 (12 steps / 0.5mm seg.)	3

Table 3 NVM chain 7

Location	NVM Name	NVM Description	Value	Default
07-450	Side Registration Tray 4 Duplex (1st side)	The changed dimension of tray 4 side registration of 1st side in duplex long and short.	0 to 6 (12 steps / 0.5mm seg.)	3
07-500	Top Registration Bypass Simplex	The changed dimension of bypass top registration in simplex.	0 to 6 (12 steps / 0.5mm seg.)	3
07-510	Side Registration Bypass Simplex	The changed dimension of bypass side registration in simplex.	0 to 6 (12 steps / 0.5mm seg.)	3
07-520	Top Registration Bypass Dup_long (2nd side)	The changed dimension of bypass top registration of 2nd side in duplex long.	0 to 6 (12 steps / 0.5mm seg.)	3
07-530	Side Registration Bypass Dup_long (2nd side)	The changed dimension of bypass side registration of 2nd side in duplex long.	0 to 6 (12 steps / 0.5mm seg.)	3
07-540	Top Registration Bypass Duplex (1st side)	The changed dimension of bypass top registration of 1st side in duplex long and short.	0 to 6 (12 steps / 0.5mm seg.)	3
07-550	Side Registration Bypass Duplex (1st side)	The changed dimension of bypass side registration of 1st side in duplex long and short.	0 to 6 (12 steps / 0.5mm seg.)	3

Table 4 NVM chain 8

Location	NVM Name	NVM Description	Value	Default
08-100	Pick up roller Life Page Counter	(Read only)		
08-110	Forward roller Life Page Counter	(Read only)		
08-120	Retard Roller Life Page Counter	(Read only)		
08-130	Tray 2 Pick-Up Roller Life Page Counter	(Read only)		
08-140	Tray 3 Pick-Up Roller Life Page Counter	(Read only)		
08-150	Tray 4 Pick-Up Roller Life Page Counter	(Read only)		
08-160	Bypass Rubber Pad Life Page Counter	(Read only)		

Table 5 NVM chain 9

Location	NVM Name	NVM Description	Value	Default
09-100	LD Light Level	600dpi laser light level. Value in PWM.	**(4150)** 200 to 600 **(4250/4260)** 50 to 800	**(4150)** 350 **(4250/4260)** 250
09-110	MHV Control Bias Control	Main charge bias control. Basic of value (HVPS setting is value). Value in PWM.	**(4150)** 108 to 145 **(4250/4260)** 600 to 850	**(4150)** 126 **(4250/4260)** 710
09-120	THV Bias Control Control	Transfer bias control. Basic of value (HVPS setting is value). Value in PWM.	**(4150)** 41 to 220 **(4250/4260)** 270 to 600	**(4150)** 76 **(4250/4260)** 310
09-130	Deve Bias Control	Developer bias control. Basic of value (HVPS setting is value). Value in PWM standard voltage: -500V (PWM 522).	**(4150)** 408 to 607 **(4250/4260)** 400 to 650	**(4150)** 522 **(4250/4260)** 512
09-140	Detack Bias Control	Detack bias control. Basic of value (HVPS setting is value). Value in PWM standard voltage: -1800V.	**(4150)** 80 to 160 **(4250/4260)** 200 to 730	**(4150)** 123 **(4250/4260)** 508
09-200	Drum Life Page Counter	Display of drum pages count.	(Read only)	
09-210	Toner Cartridge Life Page Counter	Display of toner cartridge pages count.	(Read only)	
09-230	Transfer Roller Life Page Counter	Display value of pages count.	(Read only)	

Table 6 NVM chain 10

Location	NVM Name	NVM Description	Value	Default
10-100	Standby Temperature Offset	Target temperature during standby mode.	0 to 15 (4 steps/ 5 degrees interval)	10
10-105	Run Temperature Offset	Target temperature during run mode.	0 to 10 (3 steps/ 5 degree intervals)	5
10-110	Low Paper Temperature Offset	Target temperature during power save mode.	0 to 40 (9 steps/ 5 degree intervals)	20
10-115	101-185 mm Temperature Offset	Offset temperature required on thermistor B for paper width.	0 to 15 (4 steps/ 5 degree intervals)	5
10-120	186-216 mm Temperature Offset	Offset temperature required on thermistor B for paper width.	0 to 15 (4 steps/ 5 degree intervals)	5
10-125	60gms Temperature Offset	Media type offset for fuser roll temperature.	0 to 15 (4 steps/ 5 degree intervals)	5

Table 6 NVM chain 10

Location	NVM Name	NVM Description	Value	Default
10-130	90gms Temperature Offset	Media type offset for fuser roll temperature.	0 to 10 (3 steps/ 5 degree intervals)	5
10-135	Bond Temperature Offset	Media type offset for fuser roll temperature.	0 to 10 (3 steps/ 5 degree intervals)	5
10-140	Transparency Temperature Offset	Media type offset for fuser roll temperature.	0 to 10 (3 steps/ 5 degree intervals)	5
10-145	Cardstock Temperature Offset	Media type offset for fuser roll temperature.	0 to 10 (3 steps/ 5 degree intervals)	5
10-150	Envelopes Temperature Offset	Media type offset for fuser roll temperature.	0 to 10 (3 steps/ 5 degree intervals)	5
10-155	Labels Temperature Offset	Media type offset for fuser roll temperature.	0 to 10 (3 steps/ 5 degree intervals)	5
10-200	Fuser Life Page Counter	(Read only)		
10-210	Heat Roll Life Page Counter	(Read only)		
10-220	Pressure Roll Life Page Counter	(Read only)		
10-300	Pick-up Interval Delay	Change the time interval for paper pick-up.	0 to 100 msec.	0
10-310	Pick-up Interval Delay (Special Paper)	Change the time interval for paper pick-up.	0 to 100 msec.	0

Table 7 NVM chain 20

Location	NVM Name	NVM Description	Value	Default
20-100	Redial Attempts	Number of times to redial.	1 to 13	7
20-110	Redial interval	Time between each redial.	1 to 15	3
20-200	Pause Dial Time	Time of each pause.	0 to 200 (1000 msec.)	4
20-210	Dial Pulse M/B Ratio	Dial pulse make/break ratio.	33/66 (0) or 40/60 (1)	1
20-220	Auto Dial Start Pause Time	Pause time before auto-dialing (second)	0 to 10 seconds	1
20-300	Ring On Time	Ring on time.	0 to 99msec.	80
20-310	Ring Off Time	Ring off time.	0 to 99 msec.	80

Table 7 NVM chain 20

Location	NVM Name	NVM Description	Value	Default
20-400	DTMF High-Freq Level	DTMF high frequency level.	0 to 15dBm	8
20-410	DTMF Low-Freq Level	DTMF low frequency level.	0 to 15dBm	11
20-500	Dial Mode	Dial mode selection.	Tone (0) / Pulse (1)	0
20-510	ECM Mode	ECM mode on or off.	Off (0) / On (1)	0
20-520	Error Rate	Adjusts the error rate.	Off (0) / 5% (1) / 10% (2) / 20% (3)	0
20-700	Line Monitor Setting	Audio line monitor.	Off (0) / On (1) / Comm (2)	0
20-800	Modem Speed	Select modem start speed.	Modem_V21_300bps (0) Modem_V27_2400bps (1) Modem_V27_4800bps (2) Modem_V29_7200bps (3) Modem_V29_9600bps (4) Modem_V33_12000bps (5) Modem_V33_14400bps (6) Modem_V17_7200bps (7) Modem_V17_9600bps (8) Modem_V17_12000bps (9) Modem_V17_14400bps (10) Modem_V34_2400bps (11) Modem_V34_4800bps (12) Modem_V34_7200bps (13) Modem_V34_9600bps (14) Modem_V34_12000bps (15) Modem_V34_14400bps (16) Modem_V34_16800bps (17) Modem_V34_19200bps (18) Modem_V34_21600bps (19) Modem_V34_24000bps (20) Modem_V34_26400bps (21) Modem_V34_28800bps (22) Modem_V34_31200bps (23) Modem_V34_33600bps (24)	0
20-810	Fax Transmission Level	Adjusts the fax transmission level	0 to 15dBm	12
20-830	Auto Dial Timeout	Adjusts the auto dial timeout	10 to 100 seconds	55
20-840	FAX Batch Send Enable	Fax batch send enable	0 (off) / 1 (on)	0
20-900	FAX Total Send Counter	Total of sent fax pages.	0-0xffffffff	
20-910	FAX Total Receive Counter	Total of received fax pages.	0-0xffffffff	

dC132 NVM Initialization

Refer to the relevant section:

- NVM Initialization - Copier
- NVM Initialization - Network
- NVM Initialization - Fax Card

NVM Initialization - Copier

Purpose

To return the copier NVM settings to default. Refer to dC131.

Procedure

1. Enter diagnostics, GP 1.
2. Select **Diagnostic Routines**.
3. Select **Copier Routines**, then **132 NVM Initialization - Copier**.
4. Touch the appropriate button to select the NVM to be initialized and follow the screen instructions. Refer to Table 1, for the functions that are reset to default:
   - All Copier NVM
   - Machine Variable NVM
   - SA/KO Dust Off
   - System Counters Dust Off
5. Switch off the machine, then switch on the machine.

Table 1 Copier NVM

Copier file type Category	All Copier NVM	Machine Variable NVM	SA/KO Dust Off	System Counters Dust Off
NVM System Usage Counter	Y			Y
NVM Fault Counter	Y			Y
NVM Diag Counter	Y			Y
NVM SAKO Setting	Y		Y	
NVM Fault Log	Y			
NVM Configuration	Y			
NVM Diagnostics	Y			
NVM Debug	Y			
NVM Mach Var	Y	Y		
NVM Mach Var Zero	Y	Y		
NVM Mach Var Registration	Y	Y		
NVM Mach Var Paper Path	Y	Y		
NVM Mach Var DADF	Y	Y		
NVM Mach Var Platen	Y	Y		
NVM Auditron	Y		Y	
NVM Crash Recovery	Y			
NVM Completed Job Log	Y			

Table 1 Copier NVM

Copier file type Category	All Copier NVM	Machine Variable NVM	SA/KO Dust Off	System Counters Dust Off
NVM JBA Database	Y		Y	
NVM JBA Config	Y		Y	
NVM Auditron Config	Y		Y	
NVM HFSI Counter	N	N	N	N

NVM Initialization - Network

Purpose

To reset the NIC PWB to default.

Procedure

1. Enter diagnostics, GP 1.
2. Select **Diagnostic Routines**.
3. Select **Network Routines**, then **132 NVM Initialization - Network**.
4. Follow the screen instructions to reset the NIC PWB.
5. Switch off the machine, then switch on the machine.

NVM Initialization - Fax Card

Purpose

To return the fax card NVM settings to default. Refer to dC131.

Procedure

1. Enter diagnostics, GP 1.
2. Select **Diagnostic Routines**.
3. Select **Fax dC Routines**, then **132 NVM initialisation**.
4. Touch the appropriate button to select the NVM to be initialized and follow the screen instructions. Refer to Table 2, for the functions that are reset to default.
   - Reformat
   - All Fax Directories
   - Fax Job NVM
   - Fax Configuration NVM
   - Fax SA/KO Settings NVM
5. Switch off the machine, then switch on the machine.

Table 2 Fax NVM

Fax file type Category	Reformat	All Fax Directories	Fax Job NVM	Fax Configuration NVM	Fax SA/KO Settings NVM
Dial Directories	Y	Y			
Group Directories	Y	Y			
Junk Directories	Y	Y			
Logo Directories	Y	Y			

Table 2 Fax NVM

Fax file type Category	Reformat	All Fax Directories	Fax Job NVM	Fax Configuration NVM	Fax SA/KO Settings NVM
Mailbox Directories	Y	Y			
Poll Directories	Y	Y			
Job Sets	Y		Y		
Jobs	Y		Y		
Image	Y		Y		
Bitmaps	Y		Y		
Job ID	Y		Y		
Mailbox	Y		Y		
Alarm	Y		Y		
Fax Protocol Trace	Y		Y		
Protocol Records	Y		Y		
Container Versions	Y				
FAX NVM Configuration				Y	
Fax NVM SA/KO Settings					Y

dC305 UI Test

Purpose

To initiate component testing of the local UI. This function also provides a means to test the UI memory and to restart the local UI.

Description

Refer to GP 12 User Interface Tests Description.

Procedure

1. Enter diagnostics, GP 1.
2. Select, **Diagnostics Routines**, **Copier Routines**, **dC305 UI Tests**.
3. Touch the appropriate test button.
4. Touch Start Test and follow the on-screen instructions.

dC330 Component Control

Purpose

To show the status of input components e.g. sensors, and to energize output components e.g. motors, solenoids.

Description

Output and input component codes are entered into the Component Control Table on the UI, and then energized individually or in permitted groups. The codes in the tables are grouped in similar functional behaviour.

Go to the appropriate procedure:

- Input Components
- Output Components

Input Components

When the appropriate code is entered the status of the component will be shown on the UI.

NOTE: *The actual signal as measured with a service meter will not necessarily be the same as the logic state shown on the UI, especially where the output is inverted. When testing components using these control codes, look for a change in state, not for a high or low.*

The displayed status of the input component can be changed by causing the component status to change, e.g. operating a sensor with a sheet of paper. When a sensor is operated a beep will sound.

Go to the appropriate table:

- Table 1 Input Codes 01
- Table 2 Input Codes 04
- Table 3 Input Codes 05
- Table 4 Input Codes 06
- Table 5 Input Codes 07
- Table 6 Input Codes 08
- Table 7 Input Codes 09
- Table 8 Input Codes 10
- Table 9 Input Codes 12
- Table 10 Input Codes 14

Output Components

When the appropriate code is entered, the component will energize for a set time and then stop in order to protect the components. The default time-out for all components is shown. Some components require that other components are energized at the same time and it is possible to enter and energize up to six component control codes (not fax), but only in permitted groups. If illegal combination of codes are entered the illegal codes will not energize.

Go to the appropriate table:

- Table 11 Output Codes 04
- Table 12 Output Codes 05
- Table 13 Output Codes 06
- Table 14 Output Codes 07
- Table 15 Output Codes 08
- Table 16 Output Codes 09
- Table 17 Output Codes 10
- Table 18 Output Codes 12
- Table 19 Output Codes 14
- Table 20 Output Codes 20

Procedure

1. Enter Diagnostics, GP 1.
2. Select **Diagnostics Routines**.
3. Select required dC routine category:
   - Copier Routines.
   - Fax Routines.
4. Select and input the required codes as follows:

   NOTE: *To clear an incorrectly entered code and reset the Add Component button to 00.000, press the hard key C.*

   a. From the component control Input Components tables and the Output Components tables, select and enter the appropriate code into the Add Component button, and touch the button. This will add the component to the top of the Component Name table list. When the list is full, the addition of more components will cause components to be deleted from the bottom of the list.

      NOTE: *Fax component control codes can only be energized one at a time.*

   b. If a control code is not known, it can be selected from the list displayed when the Find Component button is touched, as follows:

      NOTE: *The 'Find Component' button is not available if components are energized.*

      i. Enter the chain number into the Chain: button and touch the Find Component button to display the control codes for that chain.
      ii. Use the scroll buttons to locate the required code, touch the Component Name button to highlight it and touch Select.
      iii. Repeat as required to add components to the Component Name table.
      iv. Touch Save to save the selections to the Component Name table list and return to the Component Control window.
5. To energize a component or group of components:
   a. Touch the control code to highlight it.
   b. Touch Start.
   c. The status of the component is shown in the Status column i.e.:
      i. On
      ii. Off
      iii. High
      iv. Low
      v. A numeric value with up to four digits e.g. 0020.
6. Touch a component in the component table and then touch Stop to stop that component. To stop all components touch Stop All.
7. Touch Exit to close the Component Control window.

8. To exit diagnostics mode, GP 1, select the Call Close Out button.

Input Codes

Table 1 Input codes 01

Code	Displayed Name	Description	General
01-100	Side cover interlock	Side cover interlock switch (S01-100), detects if the side cover is open.	Closed = side cover closed Opened = side cover opened
01-200 **(4150/ 4260)**	Exit cover present sensor	Exit cover present sensor (Q01-200), detects when the exit cover is present.	Closed = exit cover installed Opened = exit cover not installed

Table 2 Input codes 04

Code	Displayed Name	Description	General
04-110	Main BLDC Motor Ready	Detects when the BLDC motor (MOT04-110) is running at required speed. Use in conjunction with 04-100.	High = running normal speed Low = not running at normal speed
04-410 **(4150)**	Duplex Fan 1 Run Ready	Detects if fan 1 is running at normal speed. Use in conjunction with 04-400.	High = running at normal speed Low = not running at normal speed
04-420 **(4150)**	Duplex Fan 2 Run Ready	Detects if fan 2 is running at normal speed. Use in conjunction with 04-400.	High = running at normal speed Low = not running at normal speed

Table 3 Input codes 05

Code	Displayed Name	Description	General
05-100	DADF Doc. Detect Sensor	DADF document detect sensor (Q05-100), detects if a document is present.	High = document present Low = no document
05-110	DADF Paper Width Sensor	DADF document width sensor (Q05-110), detects the width of the document.	High = made
05-120	DADF Paper Length Sensor	DADF document length sensor (Q05-120), detects the length of the document.	High = document present Low = no document
05-130	DADF Registration Sensor	DADF document registration sensor (Q05-130), detects if a document is present.	High = document present Low = no document
05-140	DADF Scan Sensor	DADF document scan sensor (Q05-140), detects if a document is present.	High = document present Low = no document

Table 3 Input codes 05

Code	Displayed Name	Description	General
05-150	DADF Gate Sensor	DADF document gate sensor (Q05-150), detects if a document is present.	High = document present Low = no document
05-160	DADF Door Open Switch	DADF door open switch (S05-160), detects if the DADF door is open.	High = door open Low = door closed
05-170	DADF Duplex Sensor	DADF document duplex sensor (Q05-160), detects if a document is present.	High = document present Low = no document
05-180 **(4150)**	DADF Exit Open Sensor	DADF Exit Door Open Sensor (Q05-180), detects if the DADF exit door is open.	High = door open Low = door closed
05-400	Platen Cover Switch	Platen Cover Sensor (Q05-400), detects if the DADF is raised.	High = DADF raised Low = DADF lowered

Table 4 Input codes 06

Code	Displayed Name	Description	General
06-110	LSU Motor Ready	Detects if the LSU motor (MOT06-100) is running at normal speed. Use in conjunction with 06-110.	High = running at normal speed Low = not running at normal speed
06-310 **(4150)**	LSU Fan Run Ready	Detects if the LSU fan runs at normal speed. Use in conjunction with 06-300.	High = running at normal speed Low = not running at normal speed

Table 5 Input codes 07

Code	Displayed Name	Description	General
07-100	Tray 1 Home Position	Tray 1 home sensor (Q07-100), detects if tray 1 is home.	Low = tray home High = tray out
07-110	T1 Paper Empty Sensor	Tray 1 paper sensor (Q07-110), detects if there is paper present in tray 1.	High = tray empty Low = paper present
07-120	T1 size 1 sensor	Tray 1 paper size sensor (Q07-120), detects if auto size sensor 1 is high or low.	High = made
07-130	T1 size 2 sensor	Tray 1 paper size sensor (Q07-130), detects if auto size sensor 2 is high or low.	High = made
07-140	T1 size 3 sensor	Tray 1 paper size sensor (Q07-140), detects if auto size sensor 3 is high or low.	High = made
07-150	T1 Stack Height Sensor	Tray 1 stack height sensor (Q07-150), detects if the paper is elevated.	High = tray is elevated Low = tray is not elevated

Table 5 Input codes 07

Code	Displayed Name	Description	General
07-160	T1 Paper Low Sensor	Tray 1 paper low sensor (Q07-160), detects if the stack height in tray 1 is less than 25%.	High = paper in tray not low Low = paper in tray low
07-200	Tray 2 Home Position	Tray 2 home sensor (Q07-200), detects if tray 2 is home.	Closed = tray closed Opened = tray open
07-210	T2 Paper Empty Sensor	Tray 2 paper sensor (Q07-210), detects if there is paper present in tray 2.	High = tray empty Low = paper present
07-220	T2 size 1 sensor	Tray 2 paper size sensor (Q07-220), detects if auto size sensor 1 is high or low.	High = made
07-230	T2 size 2 sensor	Tray 2 paper size sensor (Q07-230), detects if auto size sensor 2 is high or low.	High = made
07-240	T2 size 3 sensor	Tray 2 paper size sensor (Q07-240), detects if auto size sensor 3 is high or low.	High = made
07-250	T2 Stack Height Sensor	Tray 2 stack height sensor (Q07-250), detects if the paper is elevated.	High = tray is elevated Low = tray is not elevated
07-260	T2 Paper Low Sensor	Tray 2 paper low sensor (Q07-260), detects if the stack height in tray 2 is less than 25%.	High = paper in tray low Low = paper in tray not low
07-300	Tray 3 Home Position	Tray 3 home sensor (Q07-300), detects if tray 3 is home.	Closed = tray home Opened = tray out
07-310	T3 Paper Empty Sensor	Tray 3 paper sensor (Q07-310), detects if there is paper present in tray 3.	High = tray empty Low = paper present
07-320	T3 size 1 sensor	Tray 3 paper size sensor (Q07-320), detects if auto size sensor 1 is high or low.	High = made
07-330	T3 size 2 sensor	Tray 3 paper size sensor (Q07-330), detects if auto size sensor 2 is high or low.	High = made
07-340	T3 size 3 sensor	Tray 3 paper size sensor (Q07-340), detects if auto size sensor 3 is high or low.	High = made
07-350	T3 Stack Height Sensor	Tray 3 stack height sensor (Q07-350), detects if the paper is elevated.	High = tray is elevated Low = tray is not elevated
07-360	T3 Paper Low Sensor	Tray 3 paper low sensor (Q07-360), detects if the stack height in tray 3 is less than 25%.	High = paper in tray low Low = paper in tray not low
07-400	Tray 4 Home Position	Tray 4 home sensor (Q07-400), detects if tray 4 is home.	Closed = tray home Opened = tray out

Table 5 Input codes 07

Code	Displayed Name	Description	General
07-410	T4 Paper Empty Sensor	Tray 4 paper sensor (Q07-410), detects if there is paper present in tray 4.	High = tray empty Low = paper present
07-420	T4 size 1 sensor	Tray 4 paper size sensor (Q07-420), detects if auto size sensor 1 is high or low.	High = made
07-430	T4 size 2 sensor	Tray 4 paper size sensor (Q07-430), detects if auto size sensor 2 is high or low.	High = made
07-440	T4 size 3 sensor	Tray 4 paper size sensor (Q07-440), detects if auto size sensor 3 is high or low.	High = made
07-450	T4 Stack Height Sensor	Tray 4 stack height sensor (Q07-450), detects if the paper is elevated.	High = tray is elevated Low = tray is not elevated
07-460	T4 Paper Low Sensor	Tray 4 paper low sensor (Q07-460), detects if stack height in tray 4 is less than 25%.	High = paper in tray low Low = paper in tray not low
07-510	Bypass Paper Empty Sensor	Bypass paper present sensor (Q07-510), detects if there is paper present in the bypass tray.	High = Tray empty Low = Paper present
07-610 **(4260)**	Envelope Sensor	Envelope sensor (Q07-610), detects when the machine is in envelope mode.	High = Machine in envelope mode
07-630 **(4260)**	ID Sensor Check	Measures the ID sensor reading. Use in conjunction with 07-620. A reading of 000 is good.	Displays reading = XXX

Table 6 Input codes 08

Code	Displayed Name	Description	General
08-100	Feed Sensor	Detects when lead edge of the paper is at the feed sensor (Q08-100).	High = paper present Low = no paper
08-200	T2 Feed Sensor (or Door Open)	Detects when the lead edge of the paper is at the tray 2 feed sensor (Q08-200). A second sensor detects when the tray 2 door is open.	High = paper present Low = no paper High = Door open Low = Door closed
08-300	T3 Feed Sensor (or Door Open)	Detects when the lead edge of the paper is at the tray 3 feed sensor (Q08-300). A second sensor detects when the tray 3 door is open.	High = paper present Low = no paper High = Door open Low = Door closed

Table 6 Input codes 08

Code	Displayed Name	Description	General
08-400	T4 Feed Sensor (or Door Open)	Detects when the lead edge of the paper is at the tray 4 feed sensor (Q08-400). A second sensor detects when the tray 4 door is open.	High = paper present Low = no paper High = Door open Low = Door closed
08-500	Regi. Sensor	Detects when lead edge of paper is at the registration sensor (Q08-500).	High = paper present Low = no paper
08-600	Fuser Exit Sensor	Detects when lead edge of paper is at the exit sensor (Q08-600).	High = paper present Low = no paper
08-700	Duplex Jam 1 Sensor	Detects when there is paper at the duplex jam 1 sensor (Q08-700).	High = paper present Low = no paper
08-710	Duplex Jam 2 Sensor	Detects when there is paper at the duplex jam 2 sensor (Q08-710).	High = paper present Low = no paper
08-720	Out-Bin Full Sensor	Detects when paper is at the out bin full sensor (Q08-720).	High = paper present Low = no paper
08-950 **(4250/ 4260)**	HCF Level Sensor 2	HCF level sensor 2 (Q08-950), detects when the HCF tray is less than 30% full.	High = made
08-951 **(4250/ 4260)**	HCF Level Sensor 3	HCF level sensor 3 (Q08-951), detects when the HCF tray is less than 40% full.	High = made

Table 7 Input codes 09

Code	Displayed Name	Description	General
09-110	MHV Bias Read	Detects the MHV value on the MHV roller. Use in conjunction with 09-100.	Displays MHV value = XXX
09-310	THV Bias Read	Detects the THV value on the THV roller. Use in conjunction with 09-300 and 09-400.	Displays THV value = XXX
09-510 **(4150)**	SMPS Fan Run Ready	Detects if the SMPS fan runs at speed. Use in conjunction with 09-500.	High = running at normal speed Low = not running at normal speed
09-700	Toner Sensor	Low toner sensor (Q09-700).	Displays the toner level value

Table 8 Input codes 10

Code	Displayed Name	Description	General
10-200	Fuser Temperature A	Measures the fuser temperature at thermistor A (centre).	Displays temperature in degrees C = XXX
10-210	Fuser Temperature B	Measures the fuser temperature at thermistor B (front).	Displays temperature in degrees C = XXX

Table 8 Input codes 10

Code	Displayed Name	Description	General
10-300 **(4150)**	Fuser Unit Fault	Detects if the power supply unit 2 (IH board) is normal.	Normal/Fault
10-510 **(4150)**	Fuser Fan Run Ready	Detects if the fuser fan is running at normal speed. Use in conjunction with 09-500.	High = running at normal speed Low = not running at normal speed
10-700 **(4250/ 4260)**	Fuser CRUM 1	Detects the status of fuser CRUM 1. A blown fuse is normal after initial installation of the fuser.	High = fuse good Low = fuse blown
10-710 **(4250/ 4260)**	Fuser CRUM 2	Detects the status of fuser CRUM 2.	High = fuse good Low = fuse blown
10-800 **(4250/ 4260)**	Detack Bias Read	Detects the detack value on the detack roller. Use in conjunction with 09-800. A reading of 000 is good.	Displays detack value = XXX
10-810 **(4250/ 4260)**	Fuser Bias Read	Detects the fuser bias value. Use in conjunction with 10-600. A reading of 300 is good.	Displays bias value = XXX

Table 9 Input codes 12

Code	Displayed Name	Description	General
12-800	Entrance Sensor	Detects when the lead edge of paper is at finisher entrance sensor (12-800).	High = paper present Low = no paper
12-805	Exit Sensor	Detects paper at the exit sensor (Q12-800).	High = paper present Low = no paper
12-810	Paddle Home Sensor	Detects when the paddle is at the home position.	High = home Low = not home
12-815	Front Jog Home Sensor	Detects if the front jogger is at the home position.	High = home Low = not home
12-820	Rear Jog Home Sensor	Detects if the rear jogger is at the home position.	High = home Low = not home
12-825	Support Finger Home Sensor	Detects if the support finger is at the home position.	High = home Low = not home
12-830	Ejector Home Sensor	Detects if the ejector home is at the position.	High = home Low = not home
12-835	Ejector Encoder Sensor	Detects the ejector encoder position.	High = sensed Low = not sensed
12-840	Stacker Top Sensor	Detects if the stacker is at the top position.	High = in position Low = not detected
12-845	Stacker Bottom Switch	Detects if the stacker is at the bottom position.	High = in position Low = not detected
12-850	Staple Home Sensor	Detects if the staple is at home position (Q12-850).	High = in position Low = not detected

Table 9 Input codes 12

Code	Displayed Name	Description	General
12-855	Staple Ready Sensor	Detects if the stapler is ready to staple.	High = stapler ready Low = stapler not ready
12-860	Low Staple Sensor	Detects if the staple cartridge is almost empty.	High = almost empty Low = plentiful staples
12-865	Paper Detector Sensor	Detects if paper is present for stapling.	High = paper present Low = no paper
12-870	Finisher Door Switch	Detects if the finisher door is open.	High = door closed Low = door open
12-875	IOT Set Sensor	Detects if the finisher is installed.	High = finisher installed Low = finisher not installed
12-880	Duplex Paper Sensor	Detects when paper is at the duplex sensor (Q12-880).	High = paper present Low = no paper

Table 10 Input codes 14

Code	Displayed Name	Description	General
14-110 **(4250/4260)**	Document size sensor 1	Document size sensor 1 (Q14-110).	High = Document sensed Low = Document not sensed
14-120 **(4250/4260)**	Document size sensor 2	Document size sensor 2 (Q14-120).	High = Document sensed Low = Document not sensed

Output Codes

Table 11 Output codes 04

Code	Displayed Name	Description	General
04-100	Main BLDC Motor	Energizes the main BLDC motor (MOT04-100). Use in conjunction with 04-110.	On/Off.
04-200	Exit Motor Forward Fast	Energizes the exit motor (MOT04-200) forward fast.	On/Off.
04-210	Exit Motor Forward Slow	Energizes the exit motor (MOT04-200) forward slowly.	On/Off.
04-300	Duplex Motor Forward	Energizes the duplex motor (MOT04-300) forward.	On/Off.
04-310	Duplex Motor Backward	Energizes the duplex motor (MOT04-300) backwards.	On/Off.
04-400	Duplex Fan 1, 2 Run	Energizes duplex fan 1 and 2. Use in conjunction with 04-410 and 04-420.	
04-510	T1 Elevating Motor	Energizes the tray 1 elevator motor (MOT04-510) up.	On/Off.
04-520	T2 Elevating Motor	Energizes the tray 2 elevator motor (MOT04-250) up.	On/Off.

Table 11 Output codes 04

Code	Displayed Name	Description	General
04-530	T3 Elevating Motor	Energizes the tray 3 elevator motor (MOT04-530) up.	On/Off.
04-540	T4 Elevating Motor	Energizes the tray 4 elevator motor (MOT04-540) up.	On/Off.

Table 12 Output codes 05

Code	Displayed Name	Description	General
05-200	DADF Scan Motor Forward	Energizes the DADF scan motor (MOT05-200).	On/Off.
05-210	DADF Duplex Motor Forward	Energizes the DADF duplex motor (MOT05-210) forward.	On/Off.
05-220	DADF Duplex Motor Backward	Energizes the DADF duplex motor (MOT05-210) in reverse.	On/Off.
05-300	DADF Pick-Up Clutch	Energizes the DADF document pick-up clutch (CL05-300).	On/Off.
05-310	DADF Regi. Clutch	Energizes the DADF registration clutch (CL05-310).	On/Off.
05-320 **(4250/4260)**	DADF Lift Solenoid	Energizes the DADF lift solenoid (SOL05-320).	On/Off.

Table 13 Output codes 06

Code	Displayed Name	Description	General
06-100	LSU Motor Run	Energizes the LSU motor (MOT06-100). Use in conjunction with 06-110.	On/Off.
06-200	LSU LD Power	Switches on or off the LSU power supply.	On/Off.
06-300	LSU Fan Run	Energizes the LSU fan. Use in conjunction with 06-310.	On/Off.

Table 14 Output codes 07

Code	Displayed Name	Description	General
07-600 **(4250/4260)**	Envelope Motor	Energizes the envelope motor (MOT07-600).	On/Off.
07-620 **(4250/4260)**	ID Sensor	Starts ID sensing. Use in conjunction with 07-630.	On/Off.

Table 15 Output codes 08

Code	Displayed Name	Description	General
08-800	Bypass Feed Clutch	Energizes the bypass tray feed clutch (CL08-800).	On/Off.

Table 15 Output codes 08

Code	Displayed Name	Description	General
08-810	T1 Pick-Up Clutch	Energizes the tray 1 pick up clutch (CL08-810).	On/Off.
08-820	T2 Pick-Up Clutch	Energizes the tray 2 pick up clutch (CL08-820).	On/Off.
08-830	T3 Pick-Up Clutch	Energizes the tray 3 pick up clutch (CL08-830).	On/Off.
08-840	T4 Pick-Up Clutch	Energizes the tray 4 pick up clutch to (CL08-840).	On/Off.
08-850	Registration Clutch	Energizes the registration clutch (CL08-850).	On/Off.
08-860	Duplex Feed Clutch	Energizes the duplex feed clutch (CL08-860).	On/Off.
08-870	Duplex Gate Solenoid	Energizes the duplex gate solenoid (SOL08-870).	On/Off.
08-920	T2 Feed Motor Run	Energises the tray 2 feed motor (MOT08-920).	On/Off.
08-930	T3 Feed Motor Run	Energises the tray 3 feed motor (MOT08-930).	On/Off.
08-940	T4 Feed Motor Run	Energises the tray 4 feed motor (MOT08-940).	On/Off.

Table 16 Output codes 09

Code	Displayed Name	Description	General
09-100	MHV Bias	Energizes the charge bias voltage. Use in conjunction with 09-110.	On/Off.
09-200	Dev Bias	Energizes the developer bias voltage	On/Off.
09-300	THV (+) Bias	Energizes the positive transfer bias voltage. Use in conjunction with 09-310.	On/Off.
09-400	THV (-) Bias	Energizes the negative transfer bias voltage. Use in conjunction with 09-310.	On/Off.
09-500	SMPS Fan Run	Energizes the SMPS fan. Use in conjunction with 09-510.	On/Off.
09-600	Toner Dispense Motor	Energizes the toner dispense motor (MOT09-600).	On/Off.
09-800	Detack Bias	Energizes the detack bias voltage. Use in conjunction with 10-800.	On/Off.

Table 17 Output codes 10

Code	Displayed Name	Description	General
10-100	Fuser Power On	Energizes the fuser to operating temperature (180 degrees). The fuser motor will also run.	On/Off.

Table 17 Output codes 10

Code	Displayed Name	Description	General
10-400	Fuser Motor Forward	Energizes the fuser motor (MOT10-400) forward.	On/Off.
10-500	Fuser Fan Run	Energizes the fuser fan. Use in conjunction with 09-510.	On/Off.
10-600	Fuser Bias	Energizes the fuser bias voltage. Use in conjunction with 10-810.	On/Off.

Table 18 Output codes 12

Code	Displayed Name	Description	General
12-100	Entrance Motor	Energizes the entrance motor (MOT12-100) to run at the same speed as the IOT.	On/Off.
12-110	Exit Motor	Energizes the exit motor to run at the same speed as the IOT. (MOT12-110)	On/Off.
12-200	Paddle Motor	Energizes the paddle motor (MOT12-200).	On/Off.
12-300	Front Jog Home	Moves the front jogger to the home position.	On/Off.
12-310	Front Jog Stand	Moves the front jogger to the inboard position.	On/Off.
12-320	Rear Jog Home	Moves the rear jogger to the home position.	On/Off.
12-330	Rear Jog Stand	Moves the rear jogger to the inboard position.	On/Off.
12-400	Support Finger Home	Moves the support finger to the home position.	On/Off.
12-410	Support Finger Stand	Moves the support finger to the outboard position.	On/Off.
12-500	Ejector Motor	Energizes the ejector motor (MOT12-500).	On/Off.
12-600	Stacker Down	Energizes the stacker motor (MOT12-600) to move the stacker to the down position.	On/Off.
12-610	Stacker Up	Energizes the stacker motor (MOT12-600) to move the stacker to the up position.	On/Off.
12-700	Stapler	Activates the stapler when no stapler cartridge is present.	On/Off.

Table 19 Output codes 14

Code	Displayed Name	Description	General
14-130 **(4250/4260)**	Flat-Bed Scan Motor Forward	Energizes the scan motor (MOT14-130) forward.	On/Off.

Table 19 Output codes 14

Code	Displayed Name	Description	General
14-140 **(4250/ 4260)**	Flat-Bed Scan Motor Reverse	Energizes the scan motor (MOT14-140) in reverse.	On/Off.

Table 20 Output codes 20

Code	Displayed Name	Description	General
20-012	Sngl Tone 1100Hz Ln1	Emits a single tone 1100Hz on line 1.	On/Off.
20-014	Sngl Tone 1650Hz Ln	Emits a single tone 1650Hz on line 1.	On/Off.
20-015	Sngl Tone 1850Hz Ln	Emits a single tone 1850Hz on line 1.	On/Off.
20-016	Sngl Tone 2100Hz Ln	Emits a single tone 2100Hz on line 1.	On/Off.
20-020	DTMF # Line1	Emits DTMF # on line 1.	On/Off.
20-021	DTMF * Line1	Emits DTMF * on line 1.	On/Off.
20-022	DTMF 0 Line1	Emits DTMF 0 on line 1.	On/Off.
20-023	DTMF 1 Line1	Emits DTMF 1 on line 1.	On/Off.
20-024	DTMF 2 Line1	Emits DTMF 2 on line 1.	On/Off.
20-025	DTMF 3 Line1	Emits DTMF 3 on line 1.	On/Off.
20-026	DTMF 4 Line1	Emits DTMF 4 on line 1.	On/Off.
20-027	DTMF 5 Line1	Emits DTMF 5 on line 1.	On/Off.
20-028	DTMF 6 Line1	Emits DTMF 6 on line 1.	On/Off.
20-029	DTMF 7 Line1	Emits DTMF 7 on line 1.	On/Off.
20-030	DTMF 8 Line1	Emits DTMF 8 on line 1.	On/Off.
20-031	DTMF 9 Line1	Emits DTMF 9 on line 1.	On/Off.
20-040	V.21 300 bps Line1	Emits V.21 300 bps on line 1.	On/Off.
20-041	V.27ter 2400 bps Line1	Emits V27ter 2400 bps on line 1.	On/Off.
20-042	V.27ter 4800 bps Line1	Emits V27ter 4800 bps on line 1.	On/Off.
20-043	V.29 7200 bps Line1	Emits V.29 7200 bps on line 1.	On/Off.
20-044	V.29 9600 bps Line1	Emits V.29 9600 bps on line 1.	On/Off.
20-045	V.17 7200 bps Line1	Emits V.17 7200 bps on line 1.	On/Off.
20-046	V.17 9600 bps Line1	Emits V.17 9600 bps on line 1.	On/Off.
20-047	V.17 12000 bps Line1	Emits V.17 12000 bps on line 1.	On/Off.
20-048	V.17 14400 bps Line1	Emits V.17 14400 bps on line 1.	On/Off.
20-049	V.34 2400 bps Line1	Emits V.34 2400 bps on line 1.	On/Off.
20-050	V.34 4800 bps Line1	Emits V.34 4800 bps on line 1.	On/Off.
20-051	V.34 7200 bps Line1	Emits V.34 7200 bps on line 1.	On/Off.
20-052	V.34 9600 bps Line1	Emits V.34 9600 bps on line 1.	On/Off.
20-053	V.34 12000 bps Line1	Emits V.34 12000 bps on line 1.	On/Off.
20-054	V.34 14400 bps Line1	Emits V.34 14400 bps on line 1.	On/Off.
20-055	V.34 16800 bps Line1	Emits V.34 16800 bps on line 1.	On/Off.
20-056	V.34 19200 bps Line1	Emits V.34 19200 bps on line 1.	On/Off.
20-057	V.34 21600 bps Line1	Emits V.34 21600 bps on line 1.	On/Off.
20-058	V.34 24000 bps Line1	Emits V.34 24000 bps on line 1.	On/Off.

Table 20 Output codes 20

Code	Displayed Name	Description	General
20-059	V.34 26400 bps Line1	Emits V.34 26400 bps on line 1.	On/Off.
20-060	V.34 28800 bps Line1	Emits V.34 28800 bps on line 1.	On/Off.
20-061	V.34 31200 bps Line1	Emits V.34 31200 bps on line 1.	On/Off.
20-062	V.34 33600 bps Line1	Emits V.34 33600 bps on line 1.	On/Off.

dC606 Internal Print Test Patterns

Purpose

To print internal test patterns for image quality analysis.

Procedure

1. Enter diagnostics, GP 1.
2. Enter **Diagnostics Routines**.
3. Enter **Other Routines**.
4. Enter **dC606 Print Test Patterns**.
5. Select the relevant test pattern.

   NOTE: *Refer to IQ1 Image Quality Entry RAP for information on the test patterns.*

6. Select the Features, 1 or 2 sided and the paper tray.
7. Touch the Start Test.
8. Press Exit to return to the main diagnostic menu; select another feature or exit diagnostics.

Change Tags

Purpose

To provide a list of all the tag numbers used together with a description of each of the machine modifications.

Description

Each modification to the system is assigned a unique tag number. This section of the service documentation contains a listing and brief description of all change tags.

Tag Information

Information that may be included with each tag item is as follows:

- Tag - gives the control number for the tag.
- Class - gives the classification codes as listed in Table 1.
- Use - indicates the multinational operating markets affected by the modification.
- Manufacturing Serial Number - gives the serial number of the factory built machines with the modification installed.
- Purpose - gives a brief description of the modification.
- Name - gives the name of the part or modification.
- Kit Number - gives the part number of the kit or part required to install the modification.
- Reference or Parts List On - indicates the parts list where the kit or modification part can be found.

Mod / Tag Plate Location

Open the front door. The Mod / Tag plate is on the inside of the front door.

Classification Codes

The Class or Classification code can be explained as follows:

Table 1 Classification codes

NASG code	XE code	Description
-	1	Safety: Install this tag immediately.
M	2	Mandatory: Install this tag at the next opportunity.
R	3	Repair: Install this tag as a repair, at the failure of a component.
O	4	Optional: Install as a customer option or a field engineering decision.
S	4	Situational: Install as the situation demands.
N	5	Manufacturing: Cannot be installed in the field.
-	6	Refurbishing only.

Machine Tags

TAG: None issued

CLASS: 5

NAME:

PURPOSE:

KIT NUMBER:

PARTS LIST ON: XX

7 Wiring Data

Wiring Diagrams
Wiring Diagrams..... 7-3

PWB Connector location
PWB Connectors..... 7-37

Wiring Diagrams

Purpose

Wiring diagrams are an aid to trace wiring faults. Wiring Diagrams are used to complement the fault analysis information contained in the relevant RAP.

Introduction

The PWB connections are shown in the following wiring diagrams:

(4150) Input power and power distribution, Wiring Diagram 1.

(4150) HVPS, Wiring Diagram 2.

(4150) Main PWB and LSU, Wiring Diagram 3.

(4150) Main PWB and main drive assembly, Wiring Diagram 4.

(4150) Main PWB, xerographic module, exit drive assembly and registration guide assembly, Wiring Diagram 5.

(4150) Main PWB and tray feed assembly, Wiring Diagram 6.

(4150) Main PWB, tray 2 connector and side cover assembly, Wiring Diagram 7.

(4150) Main PWB and foreign device interface, Wiring Diagram 8.

(4150) Scanner PWB and CCD module, Wiring Diagram 9.

(4150) User interface, Wiring Diagram 10.

(4150) DADF, Wiring Diagram 11.

Tray 2, 3 and 4 (1 of 2), Wiring Diagram 12.

Tray 2, 3 and 4 (2 of 2), Wiring Diagram 13.

Finisher (1 of 3), Wiring Diagram 14.

Finisher (2 of 3), Wiring Diagram 15.

Finisher (3 of 3), Wiring Diagram 16.

(4250/4260) Input power and power distribution, Wiring Diagram 17.

(4250/4260) Main PWB, HVPS, Wiring Diagram 18.

(4250/4260) Main PWB, UI assembly, Wiring Diagram 19.

(4250/4260) UI assembly, Wiring Diagram 20.

(4250/4260) Main PWB, LSU, Wiring Diagram 21.

(4250/4260) Main PWB, fuser assembly, side cover interlock switch, Wiring Diagram 22.

(4250/4260) Main PWB, main drive assembly, xerographic module, Wiring Diagram 23.

(4250/4260) Main PWB, registration guide assembly, exit drive assembly, tray 1 feed assembly, Wiring Diagram 24.

(4250/4260) Main PWB, side cover assembly, Wiring Diagram 25.

(4250/4260) Main PWB, tray 2 connector, foreign device interface, Wiring Diagram 26.

(4250/4260) Main PWB, USB connectors, OSOK, MSOK, Wiring Diagram 27.

(4250/4260) Scanner PWB, Wiring Diagram 28.

(4250/4260) DADF, Wiring Diagram 29.

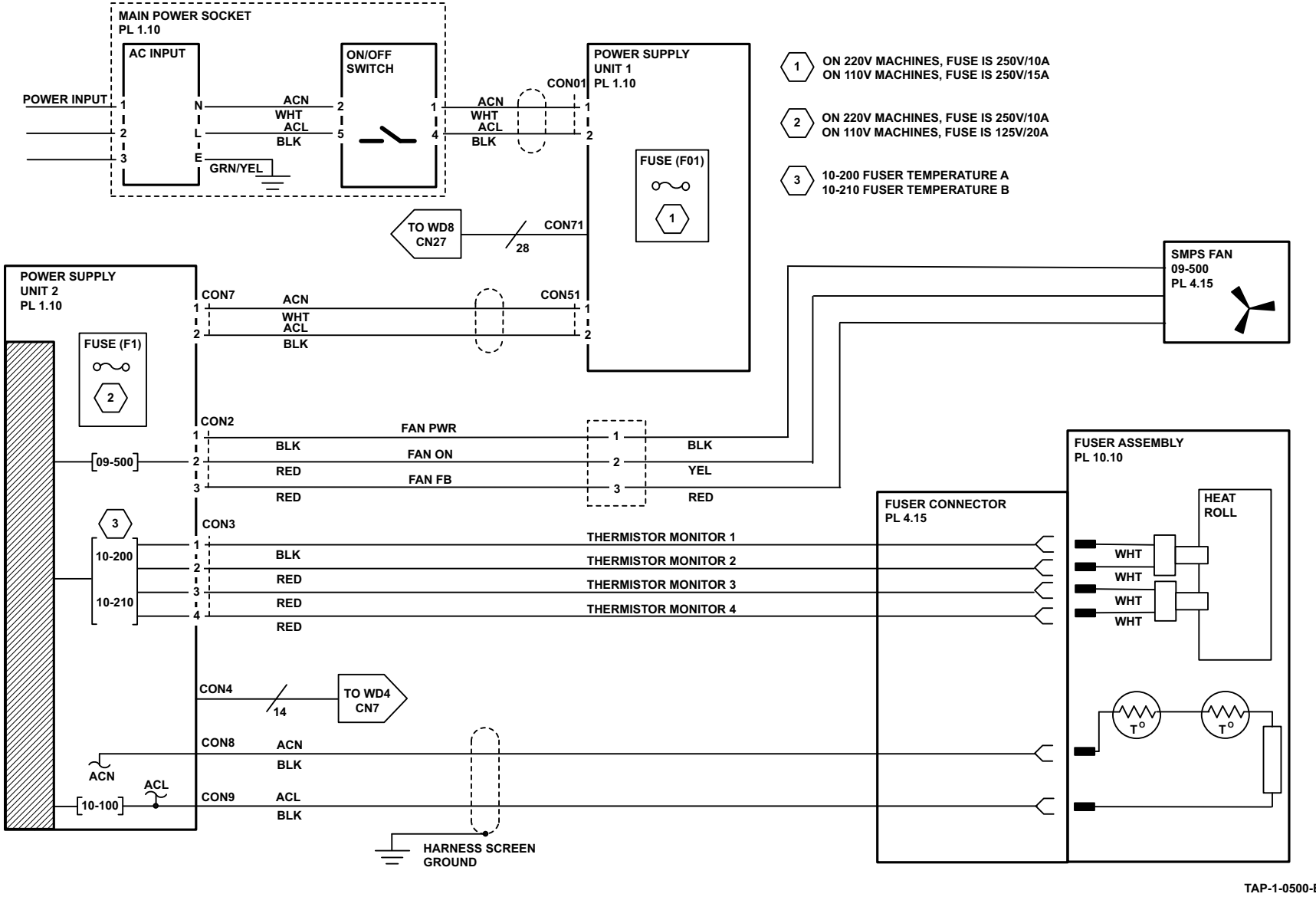
(4250/4260) HCF (1 of 2), Wiring Diagram 30.

(4250/4260) HCF (2 of 2), Wiring Diagram 31.

(4250) LSU, Wiring Diagram 32.

The wiring diagrams have the following features:

- The connections on the PWBs are in numerical sequence where possible.
- The complete component to PWB wiring is shown. All interconnecting connectors shown, in part or whole. Connectors shown in part have reference to other wiring diagrams as necessary.
- Where necessary, components have references to show additional connections to them.
- Relevant parts list references are shown.



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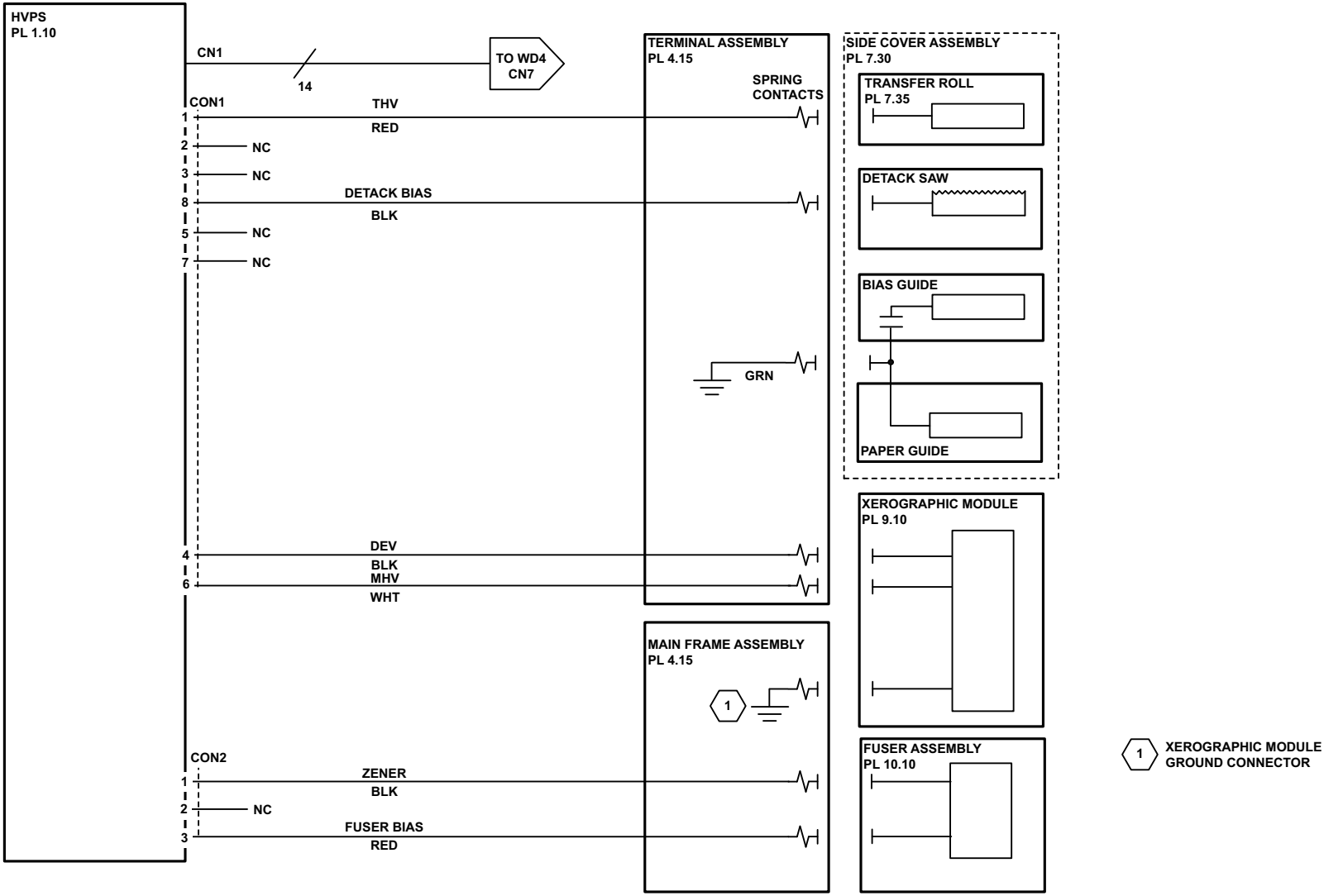


Figure 2 WD 2 (4150)

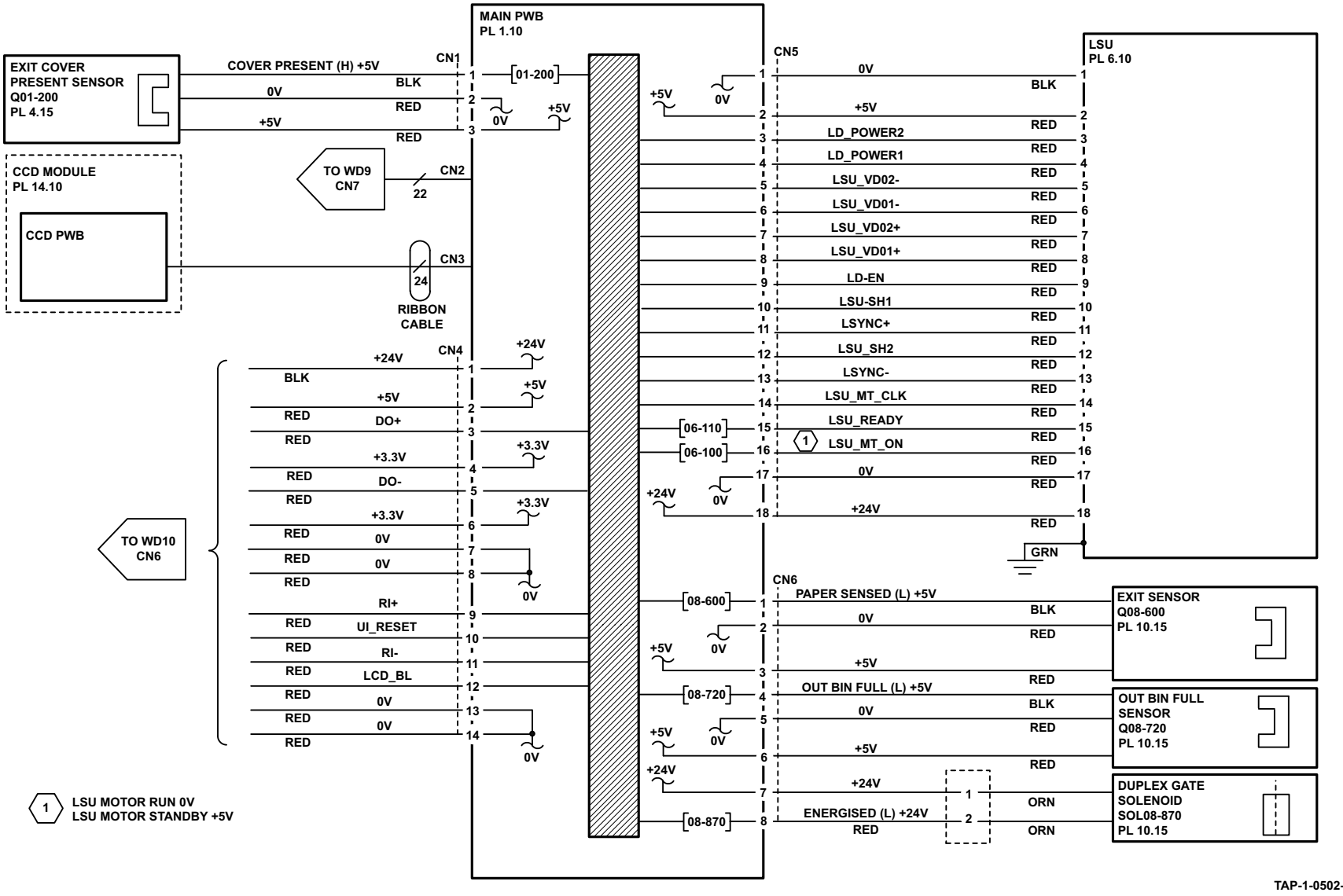


Figure 3 WD 3 (4150)

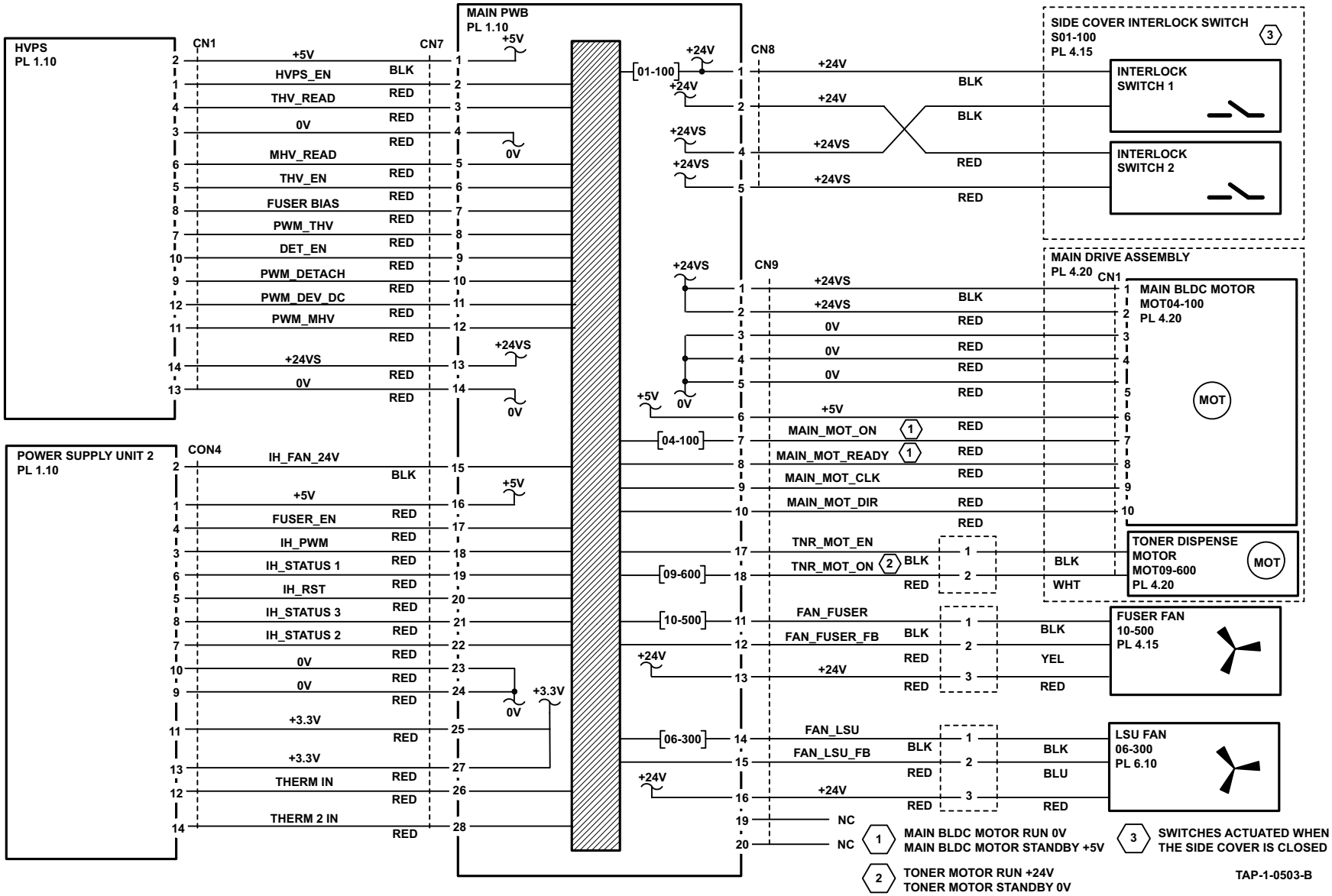
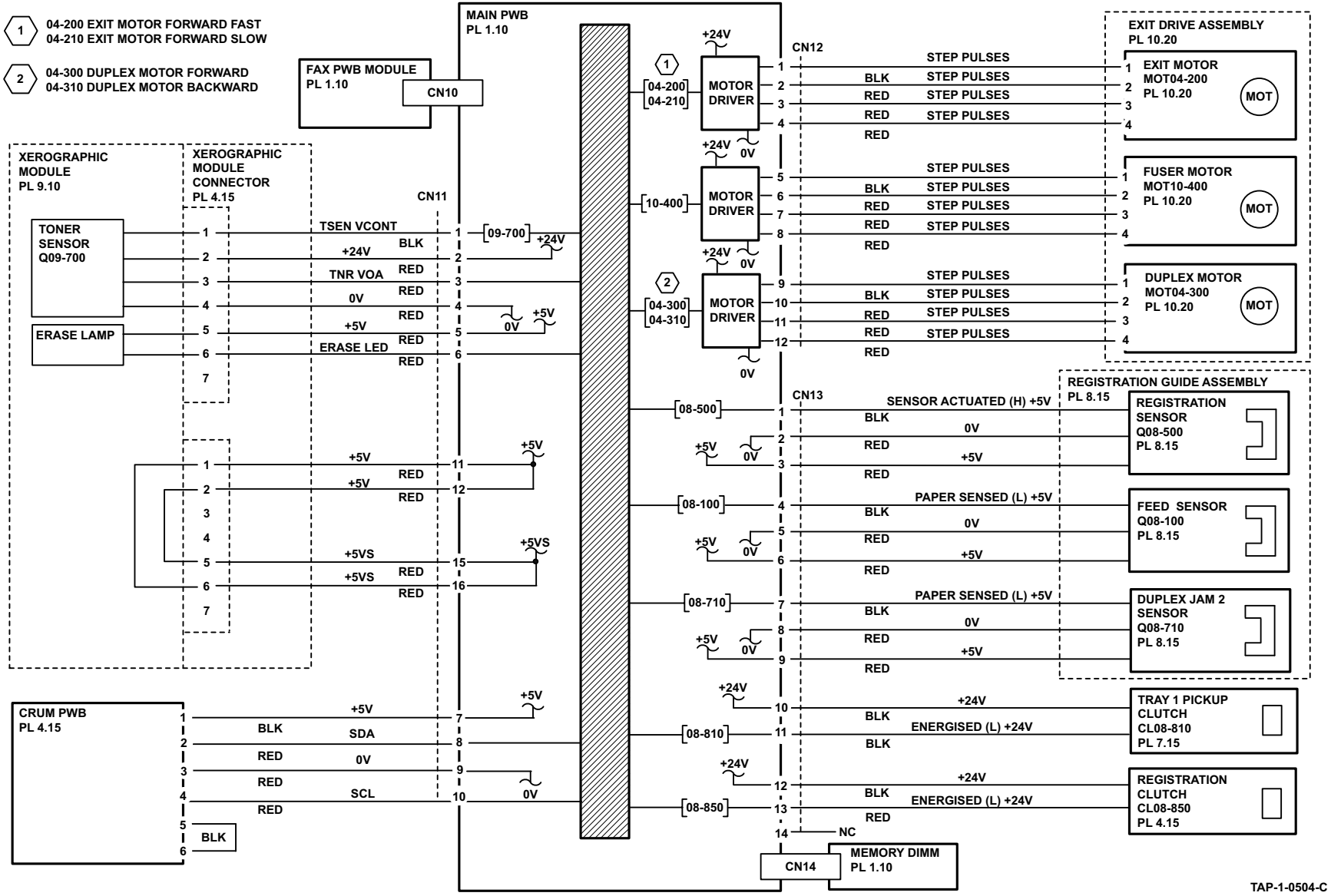


Figure 4 WD 4 (4150)



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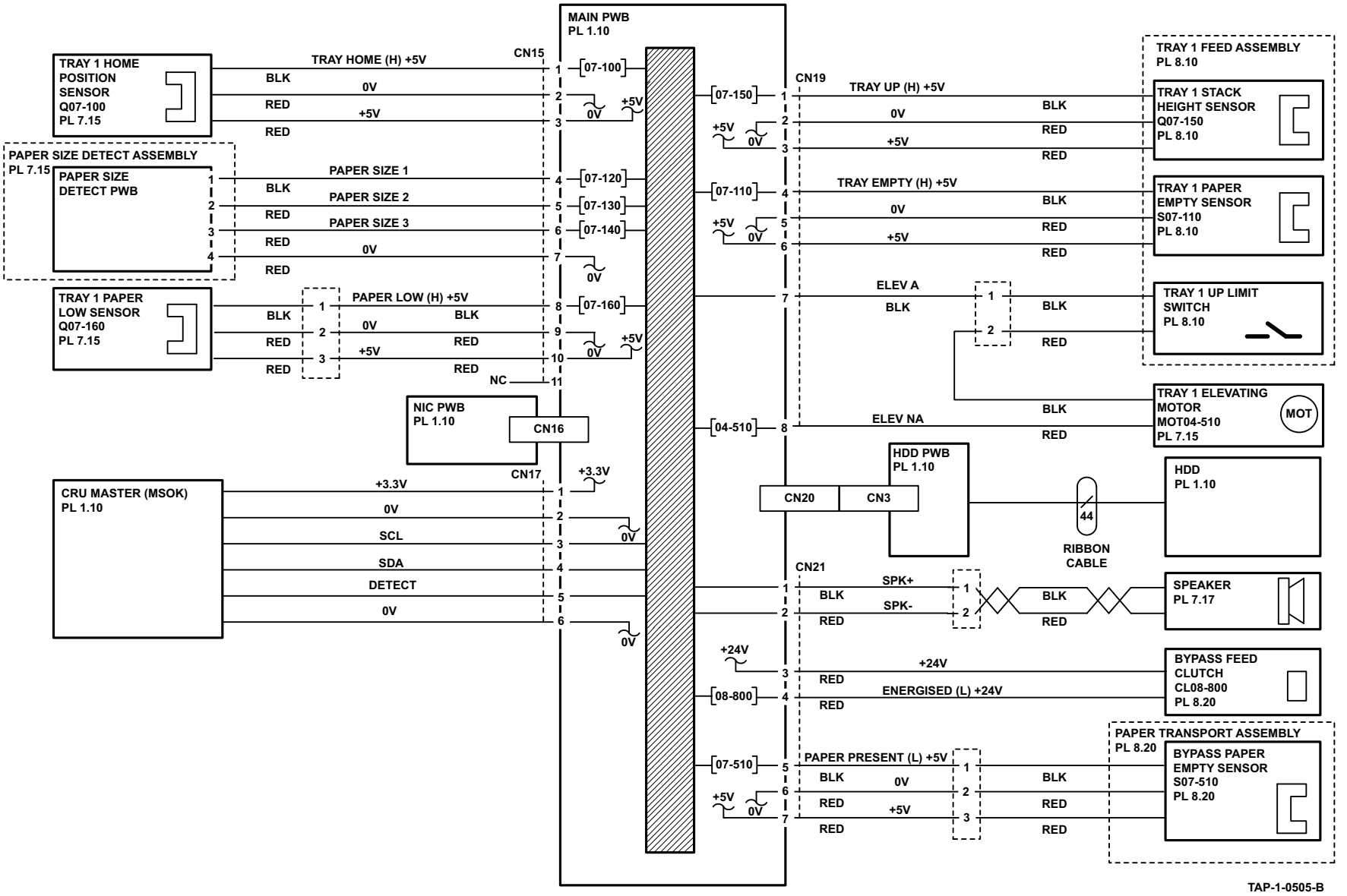

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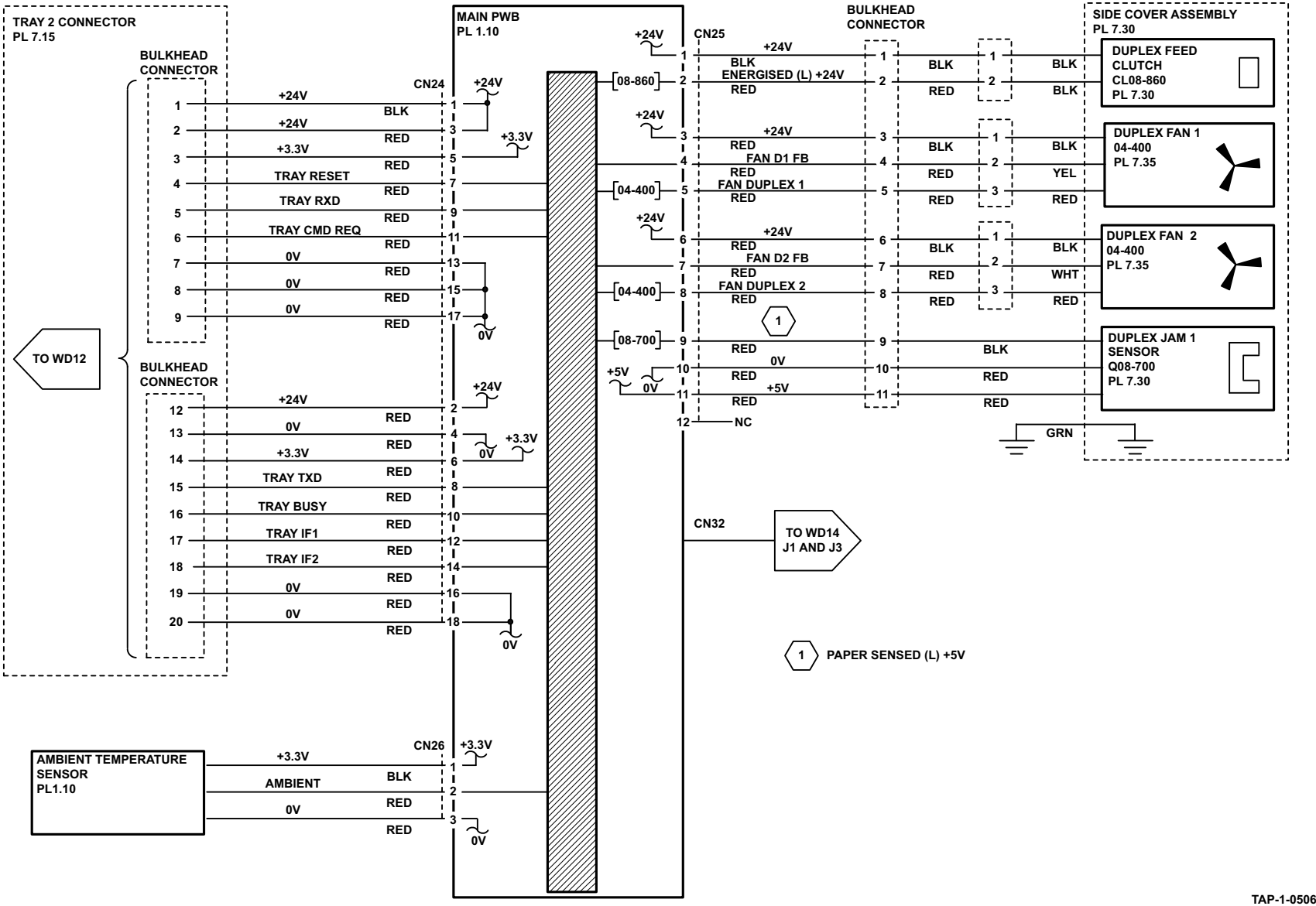

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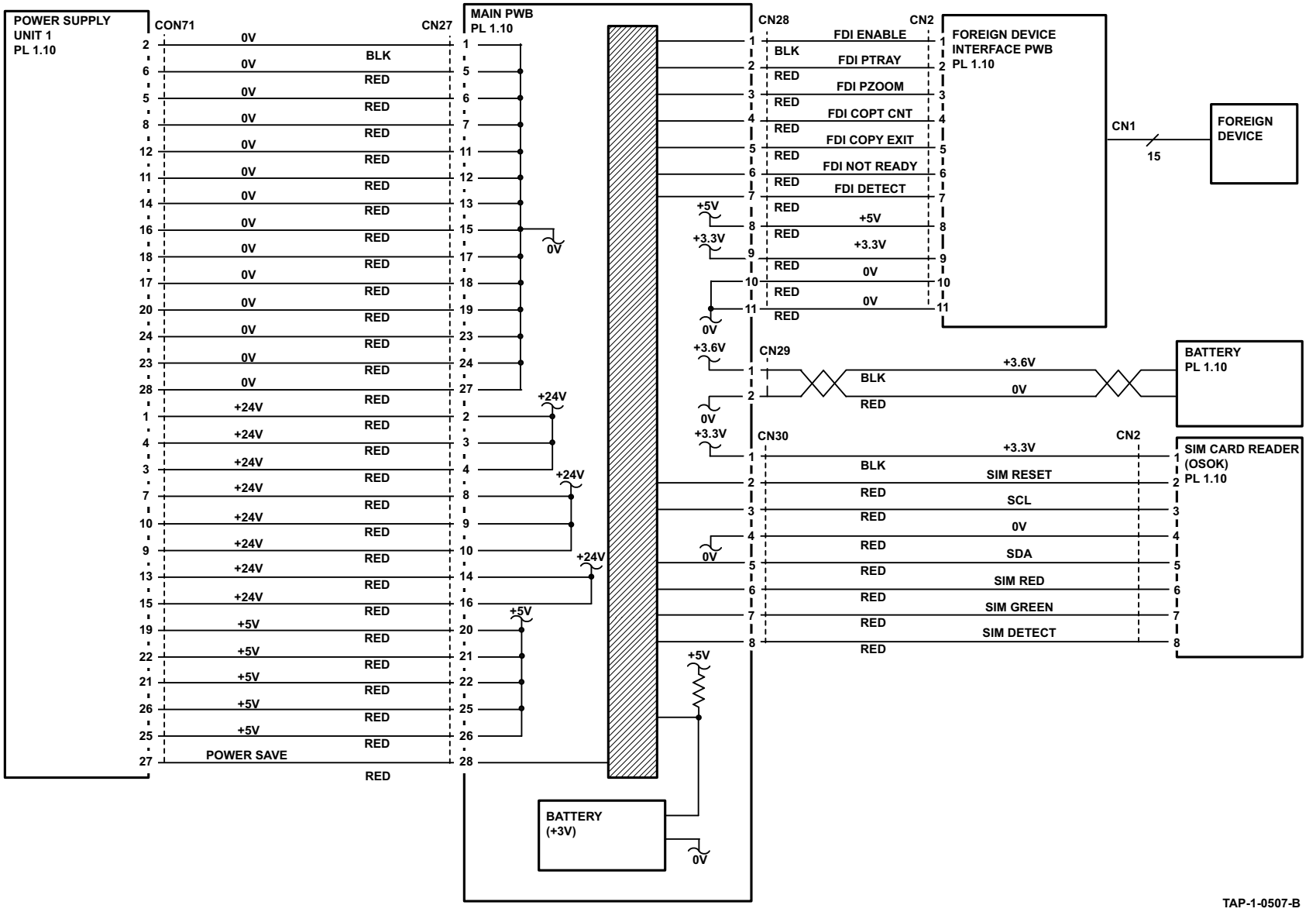

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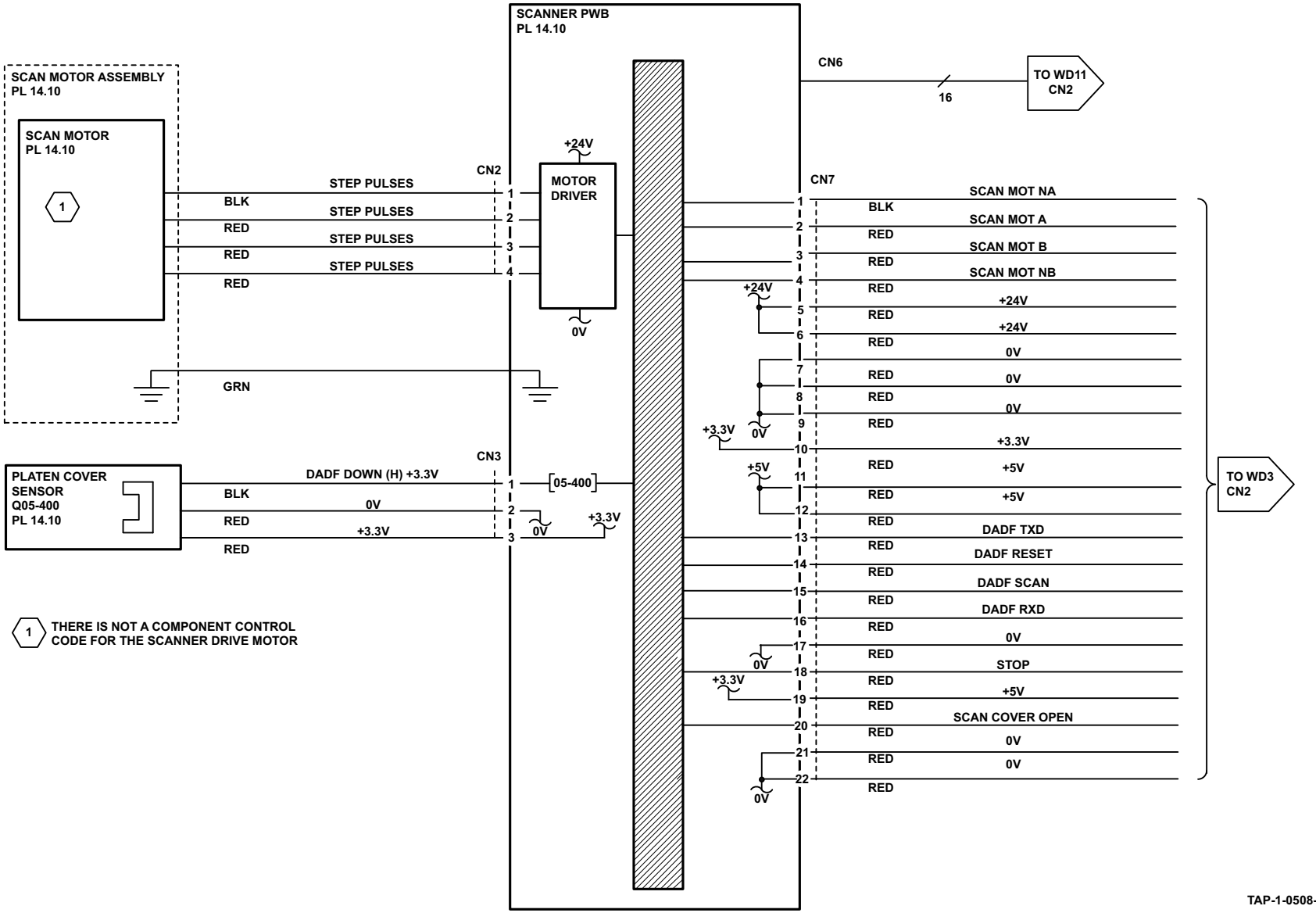

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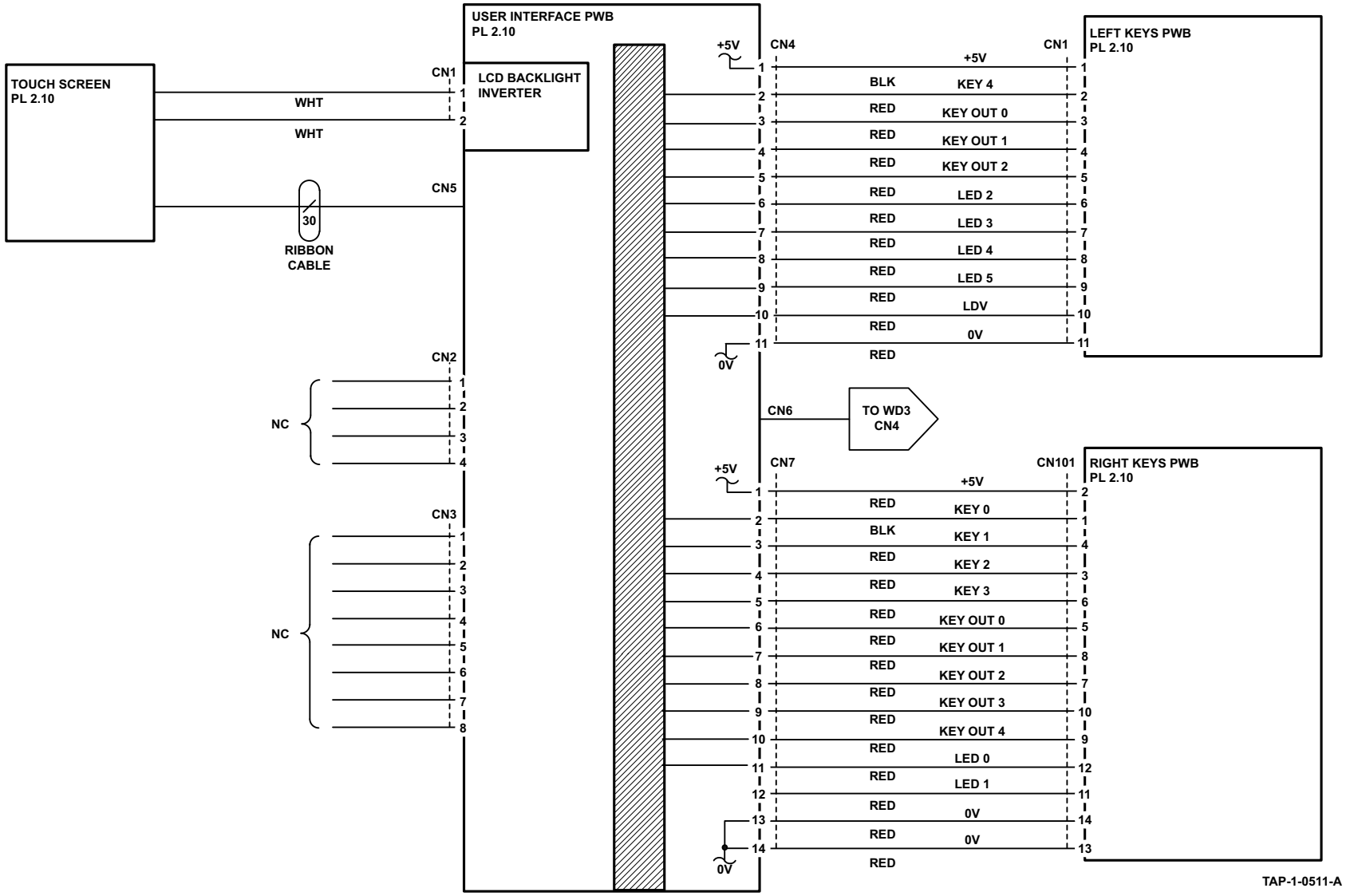
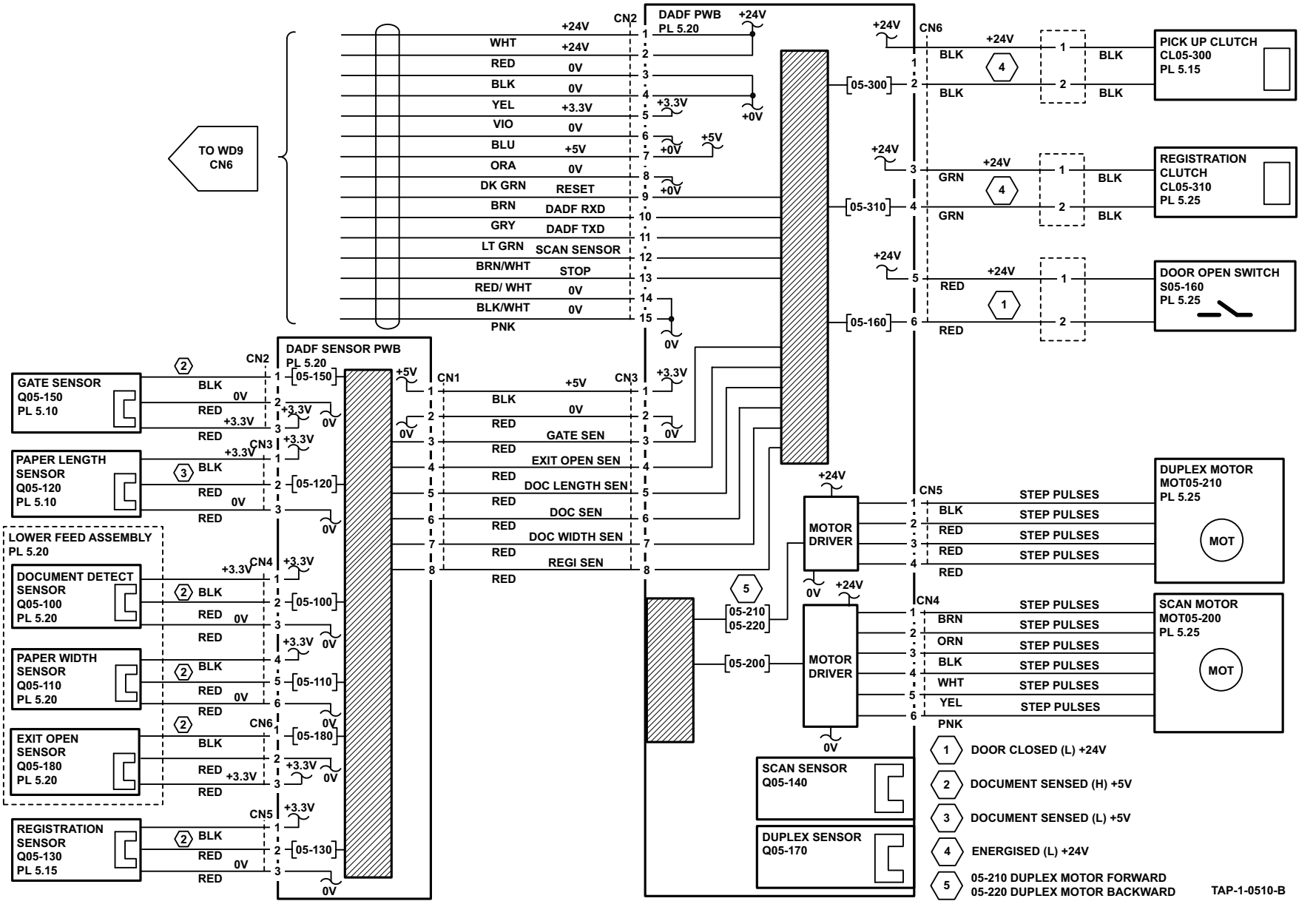


Figure 10 WD 10 (4150)



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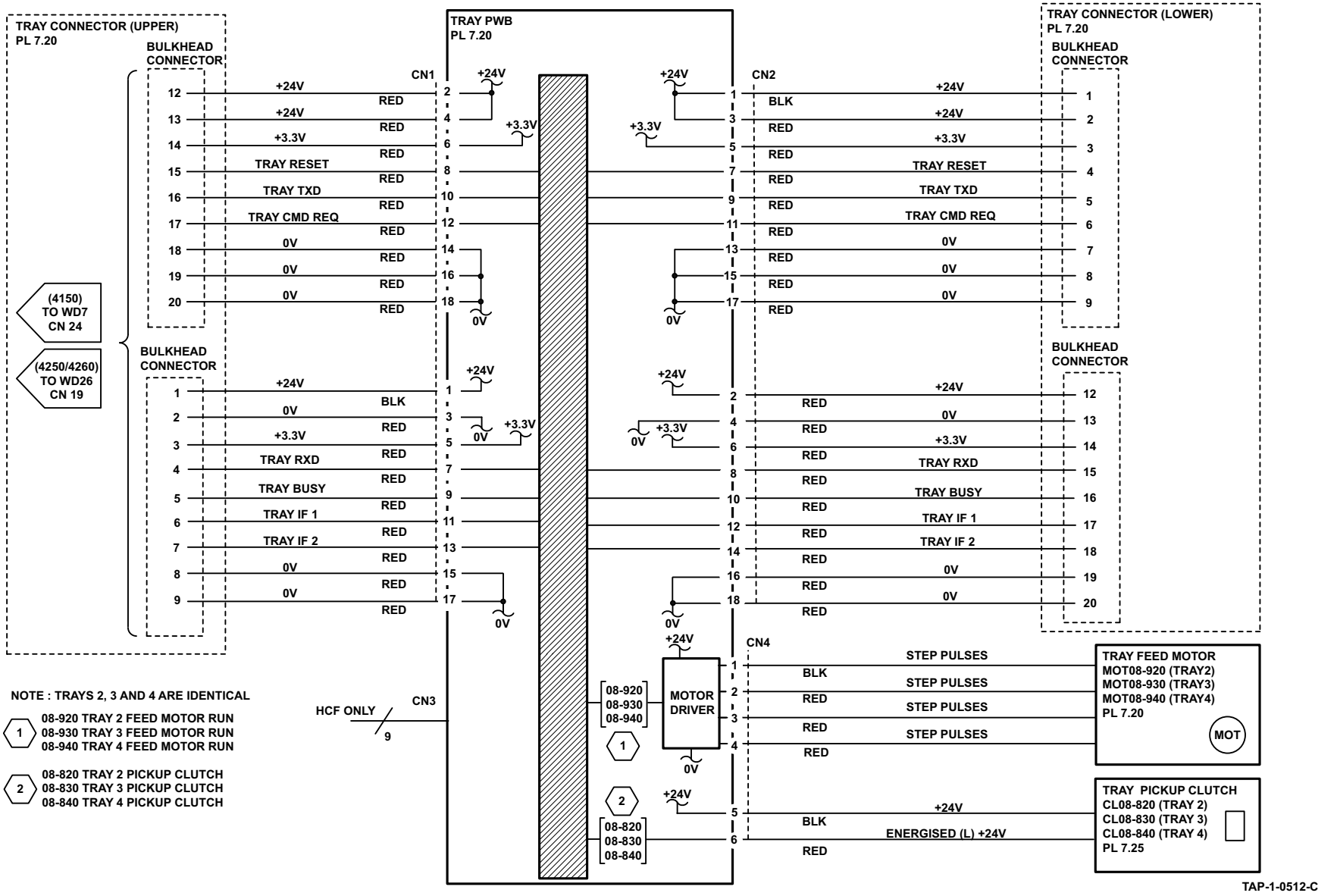


Figure 12 WD 12

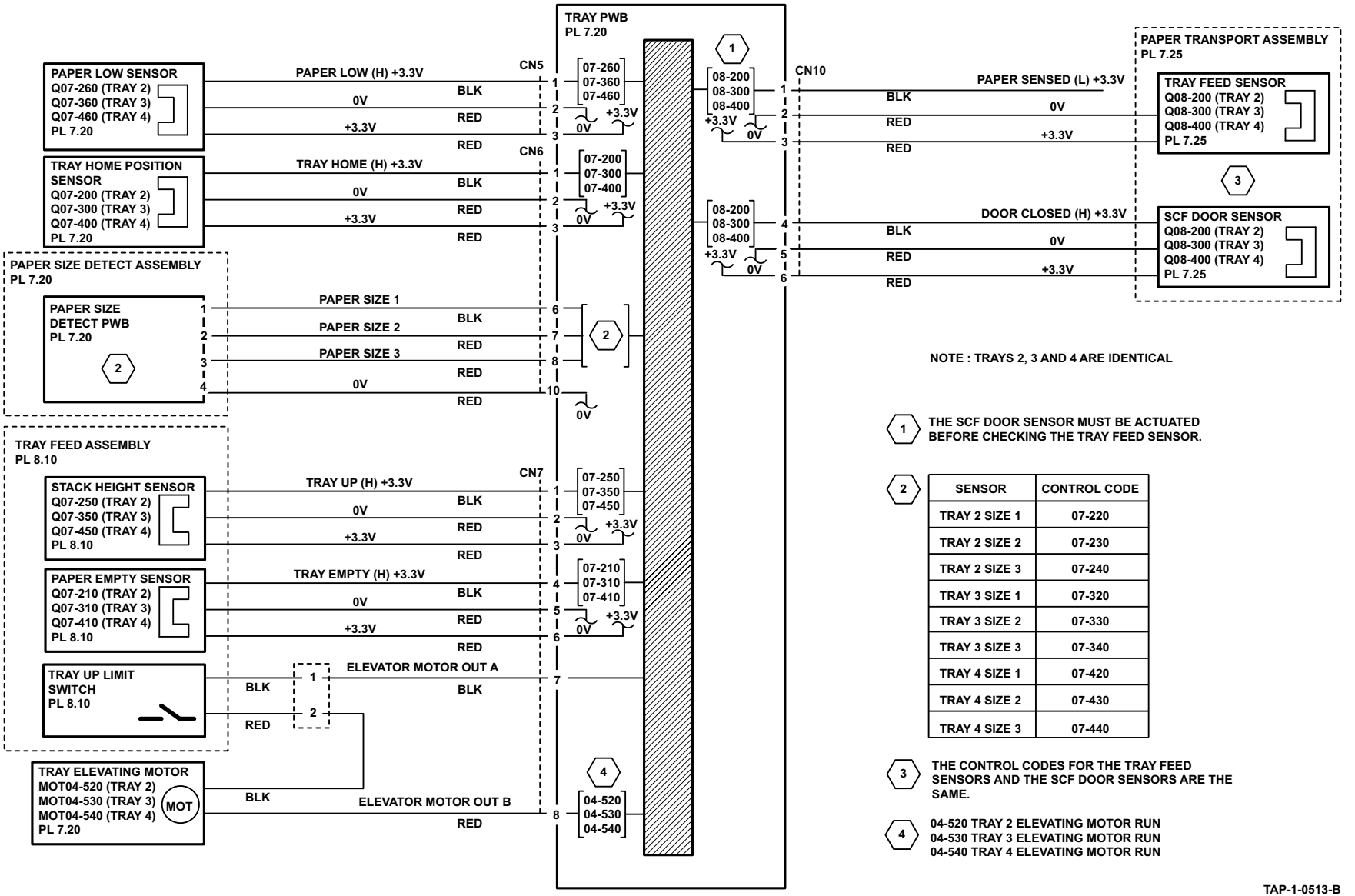


Figure 13 Wiring Diagram 13

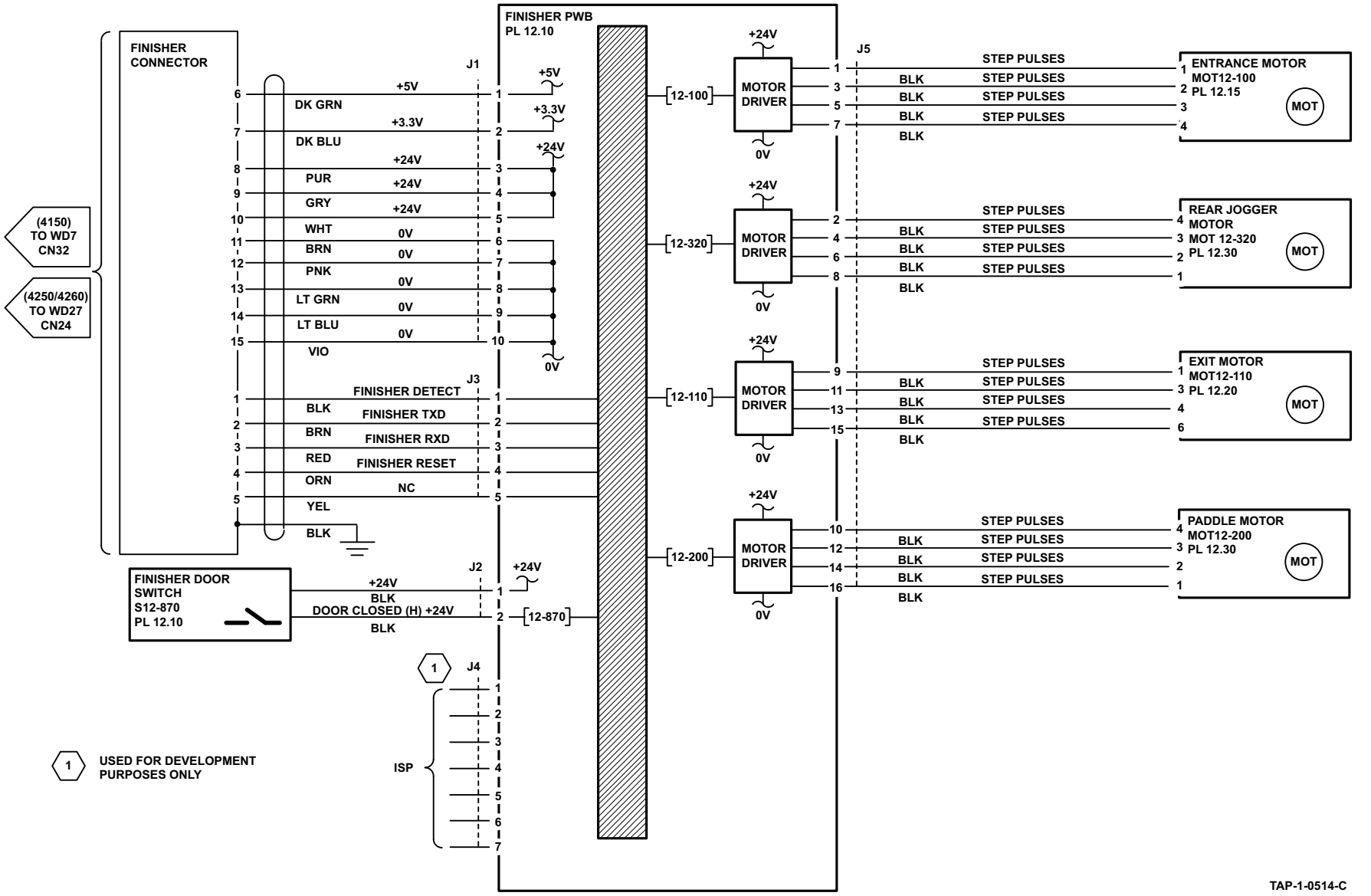


Figure 14 Wiring Diagram 14

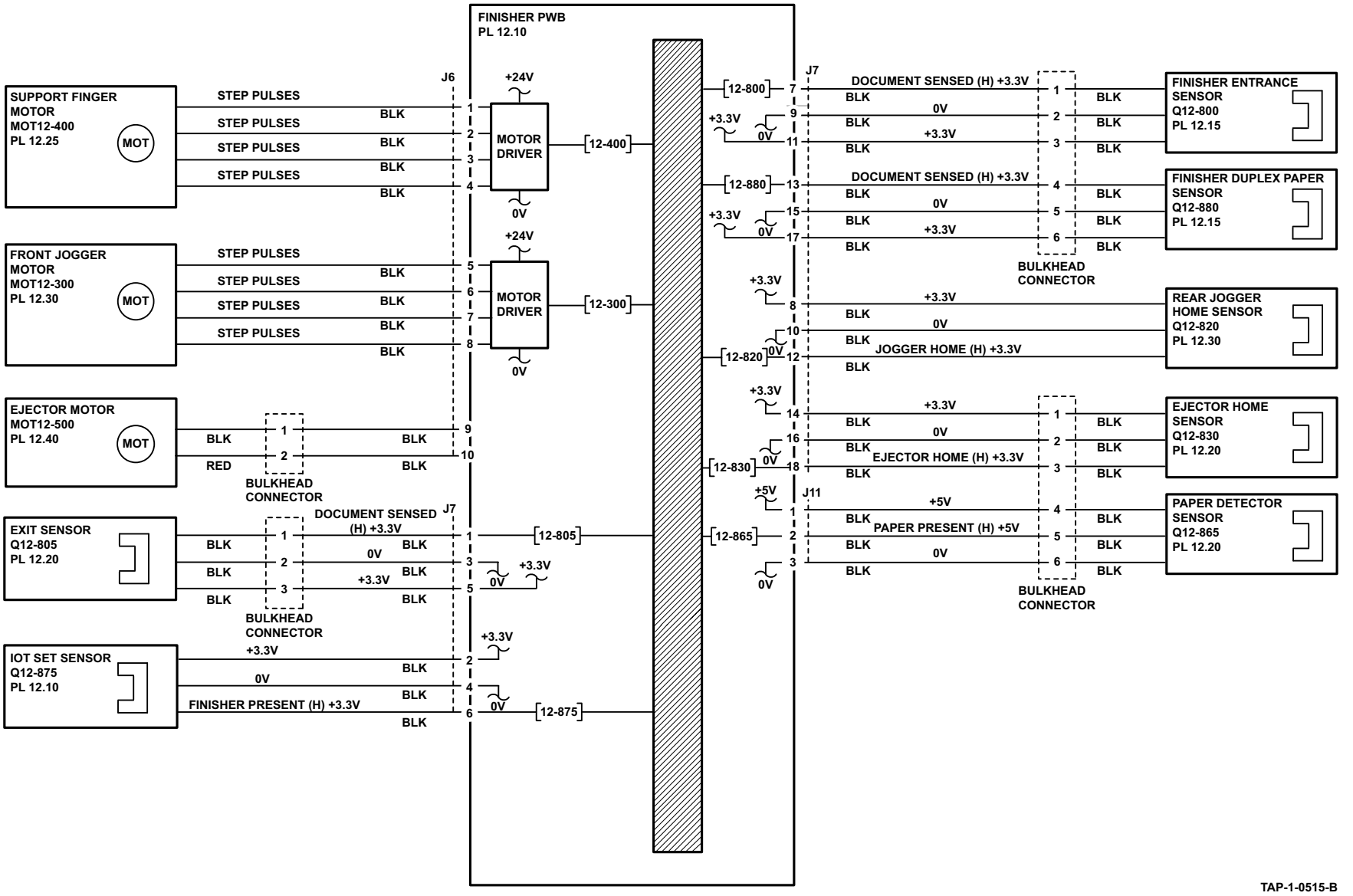


Figure 15 Wiring Diagram 15

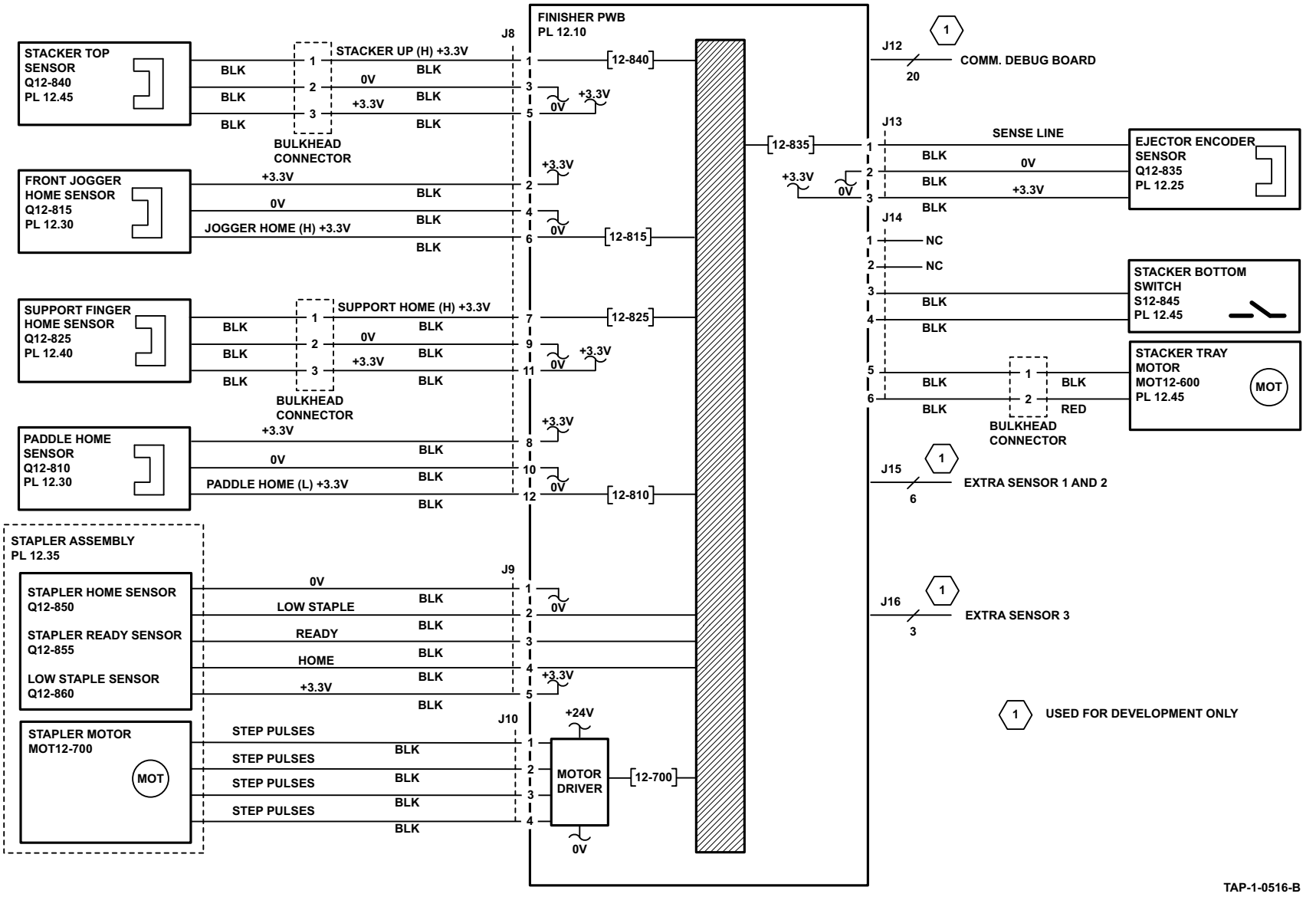


Figure 16 Wiring Diagram 16

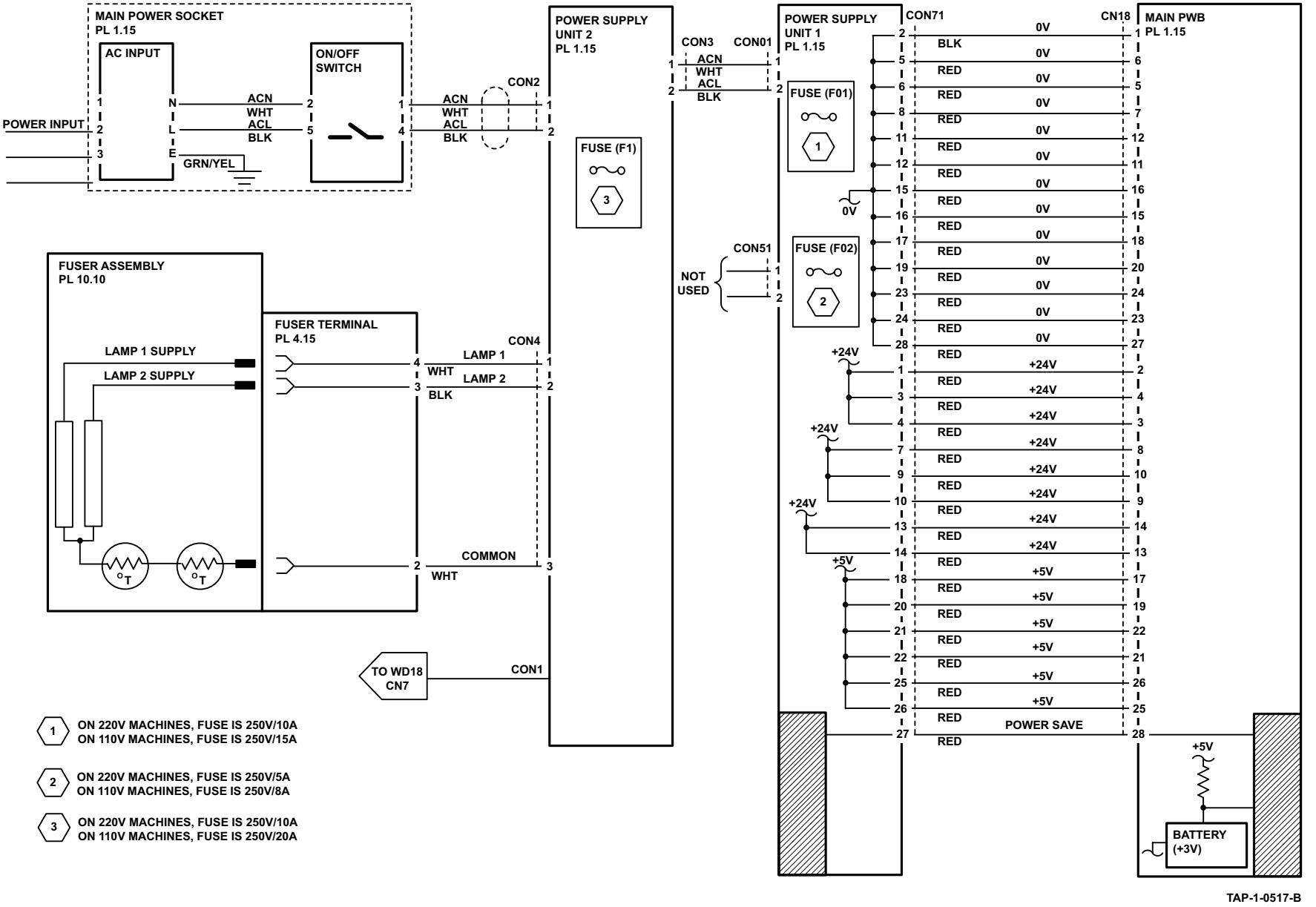


Figure 17 WD 17 (4250/4260)

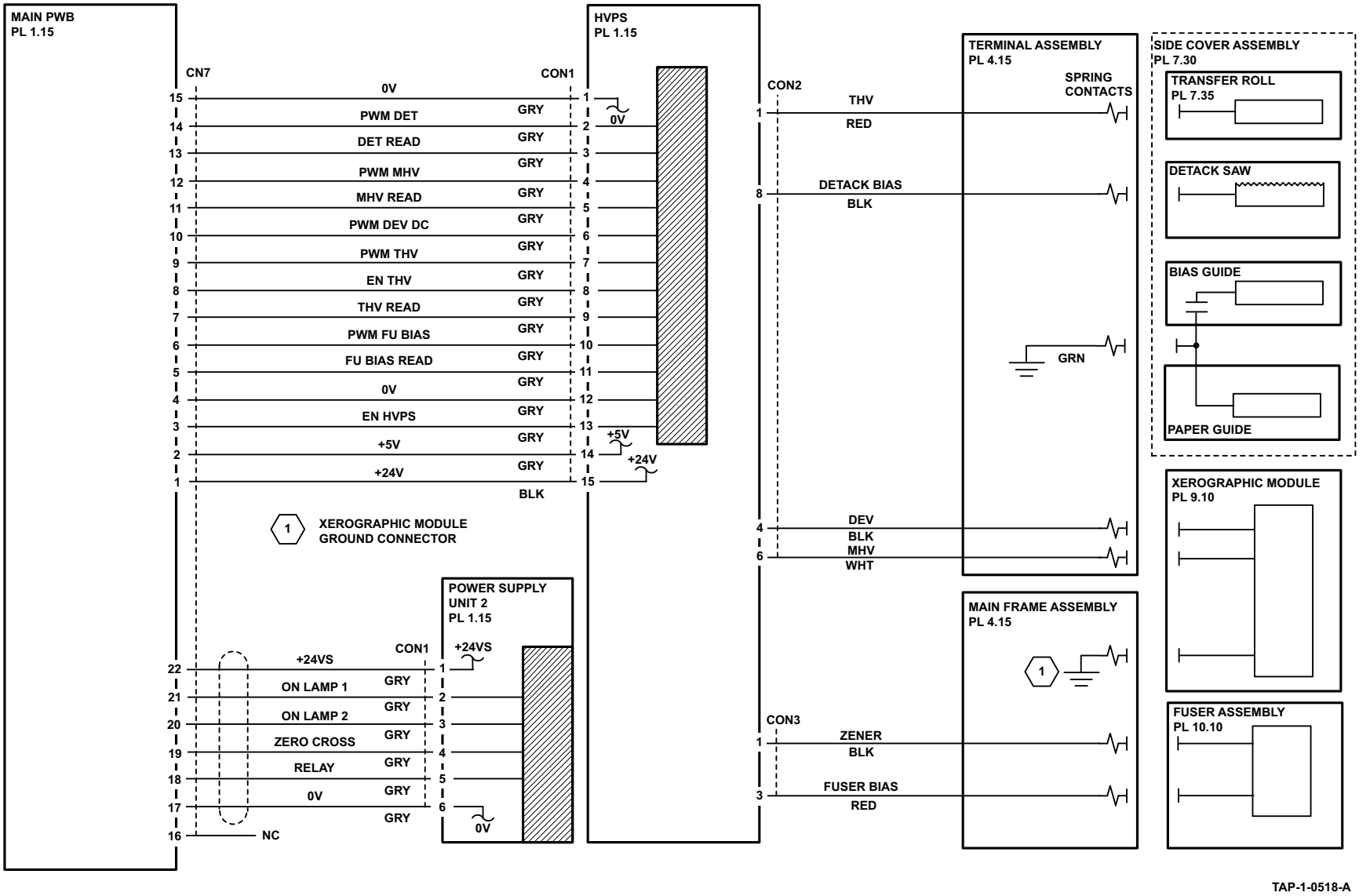
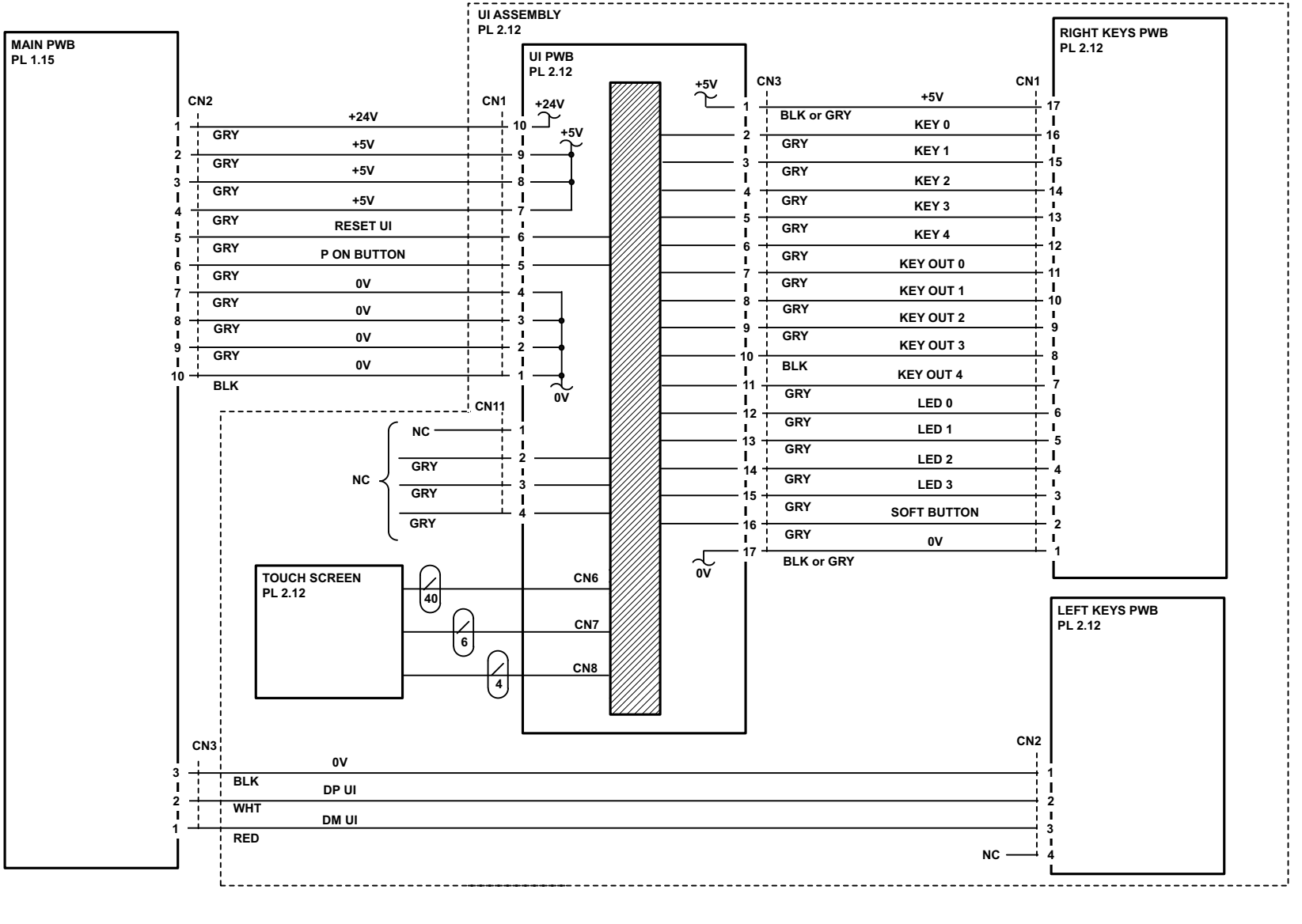


Figure 18 WD 18 (4250/4260)



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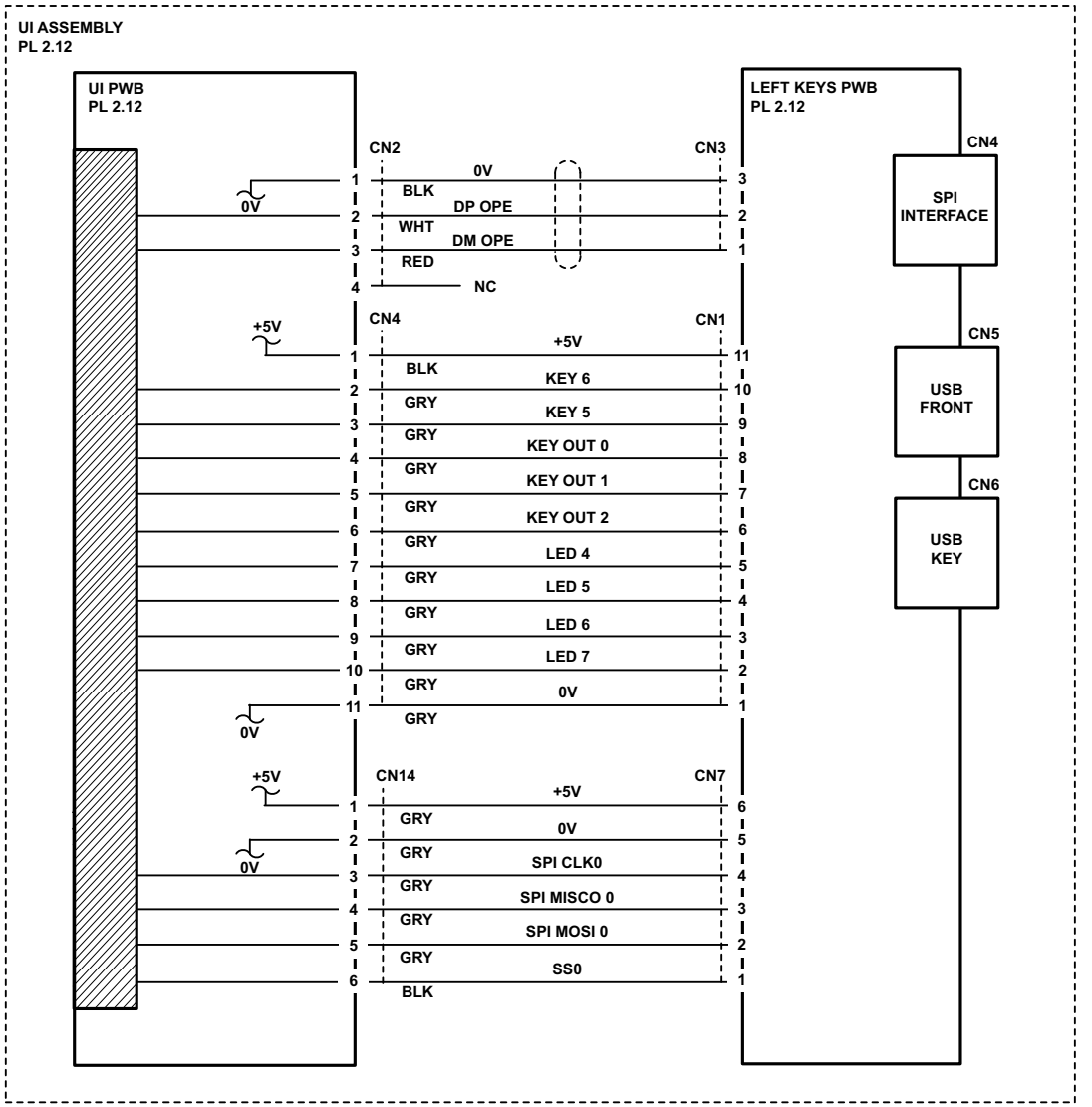

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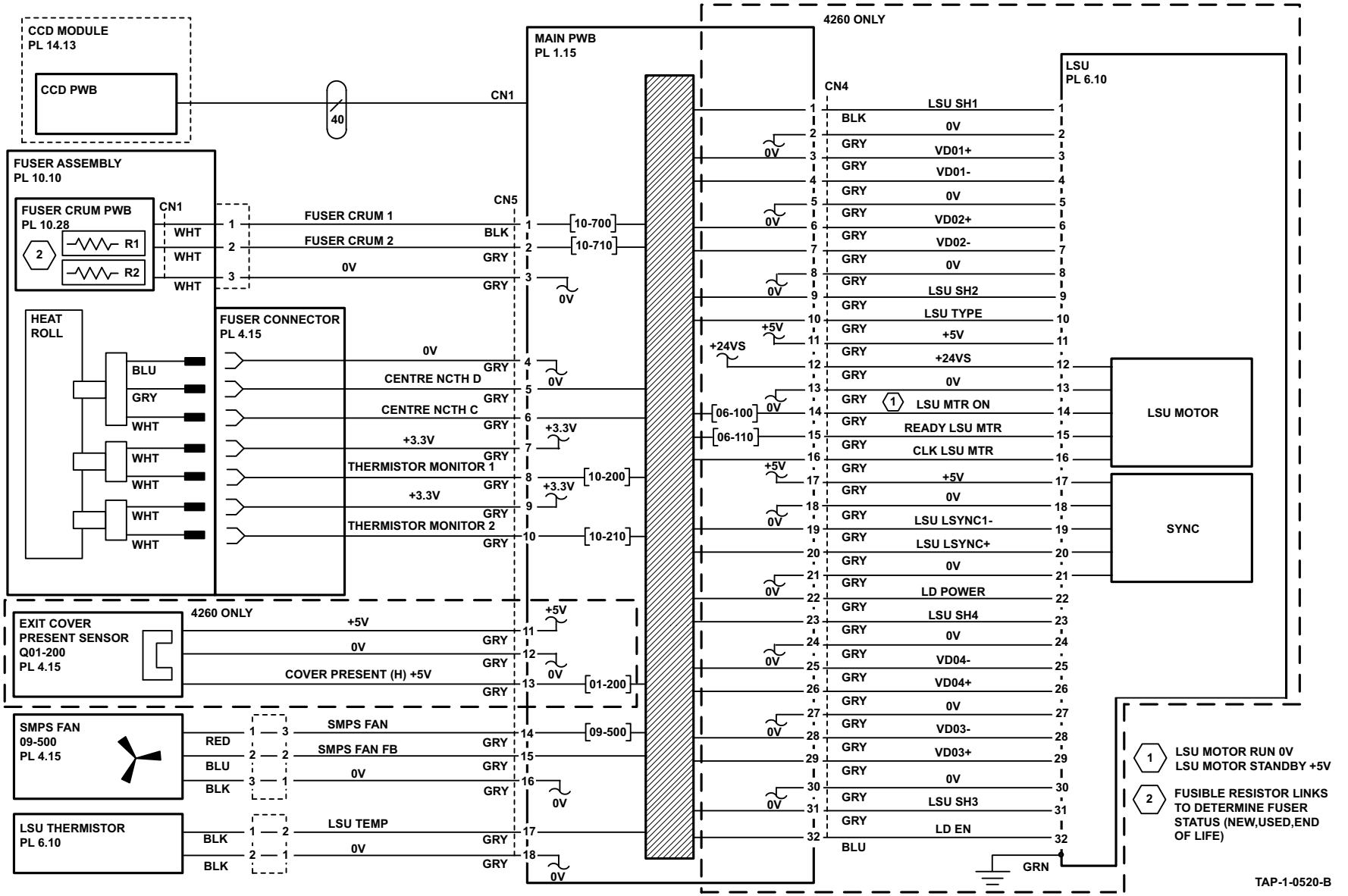

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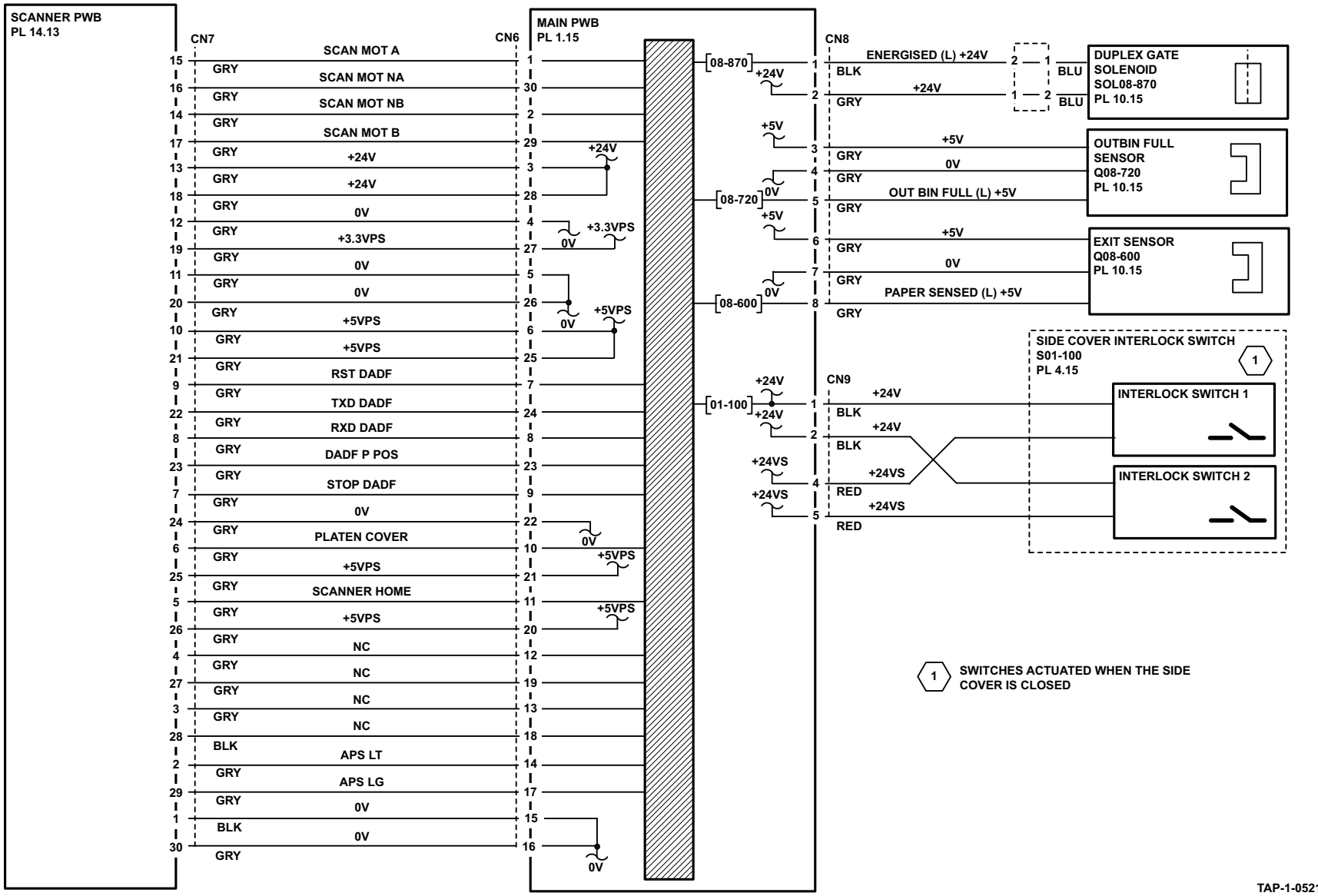

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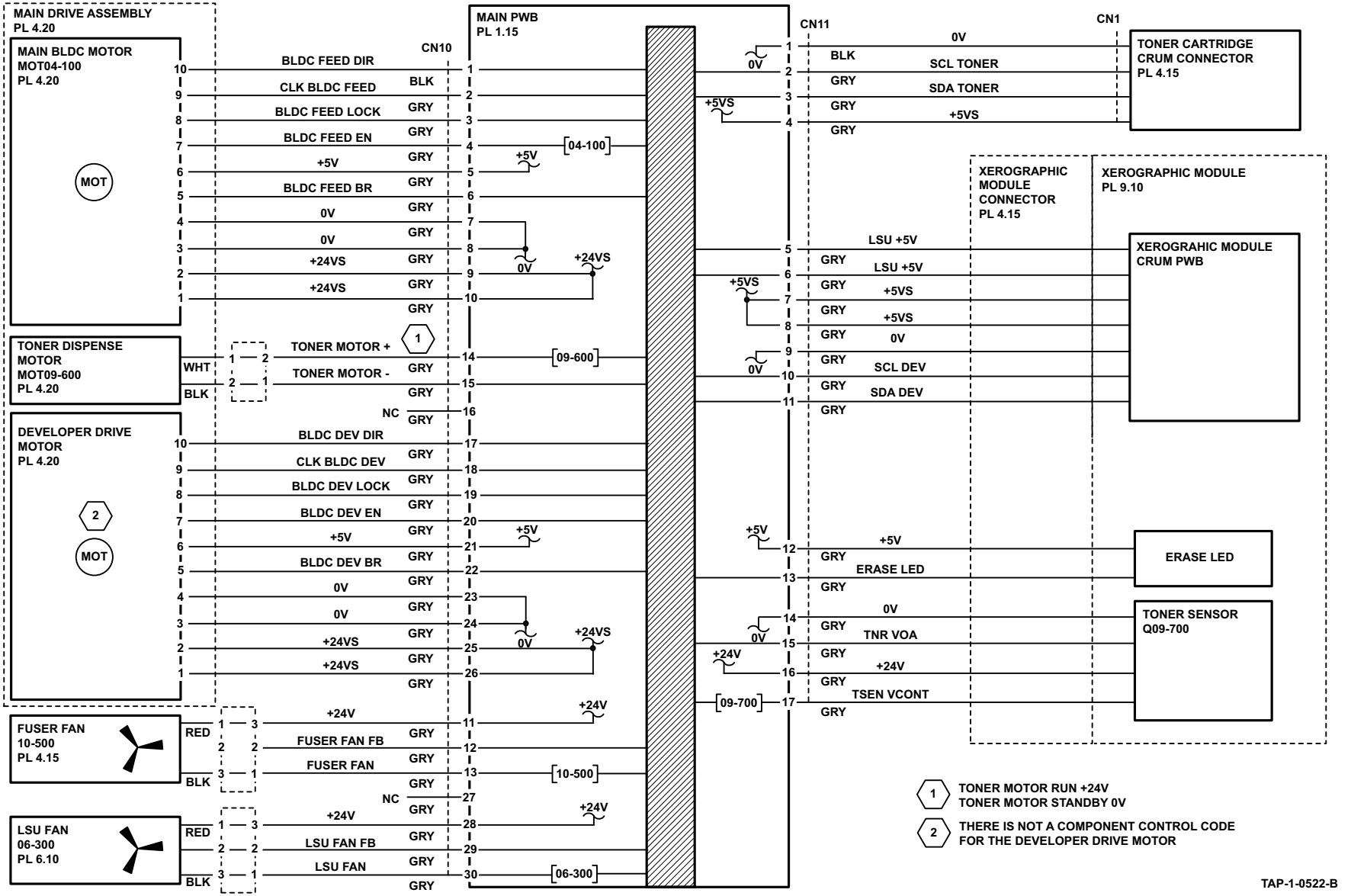

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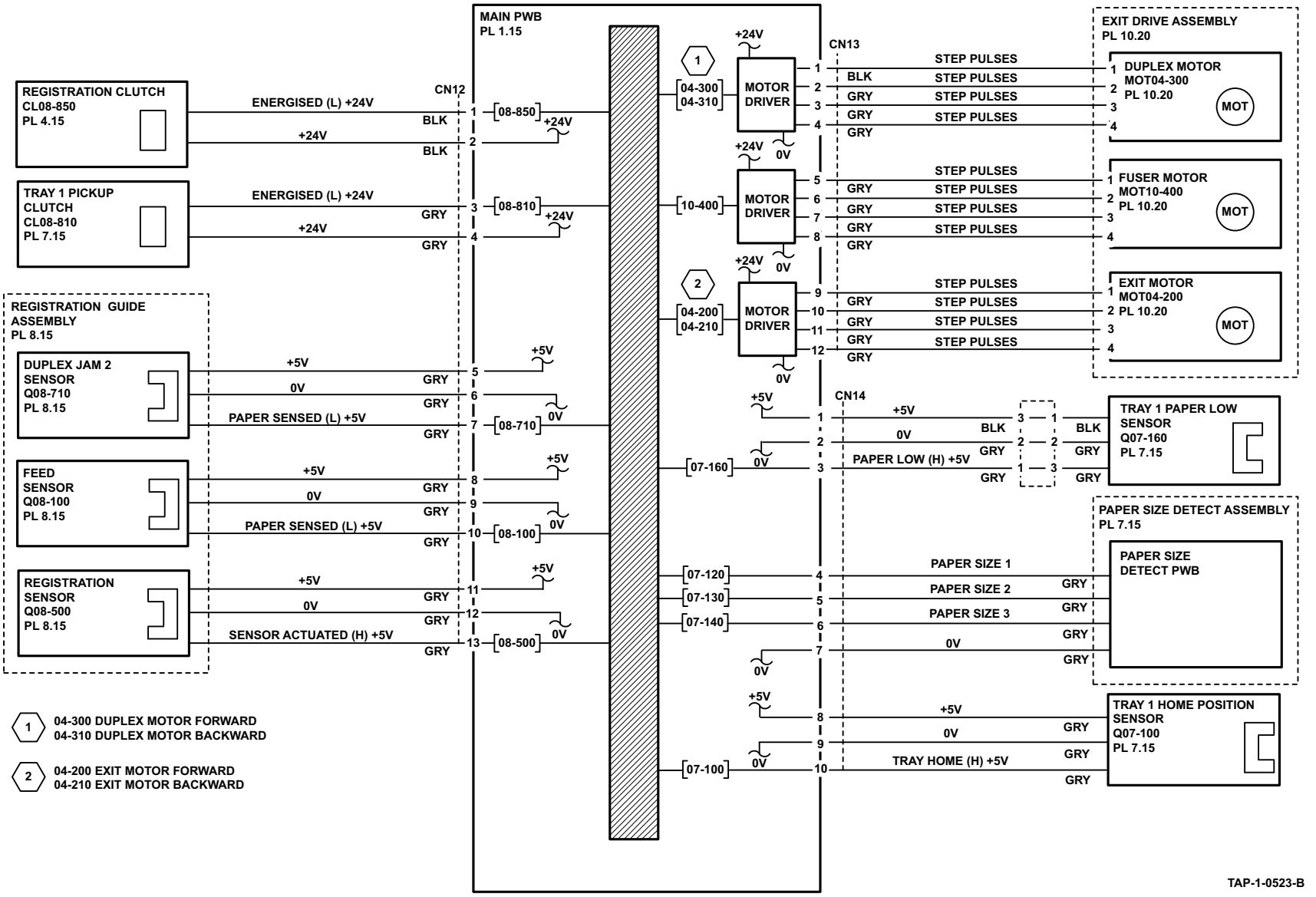

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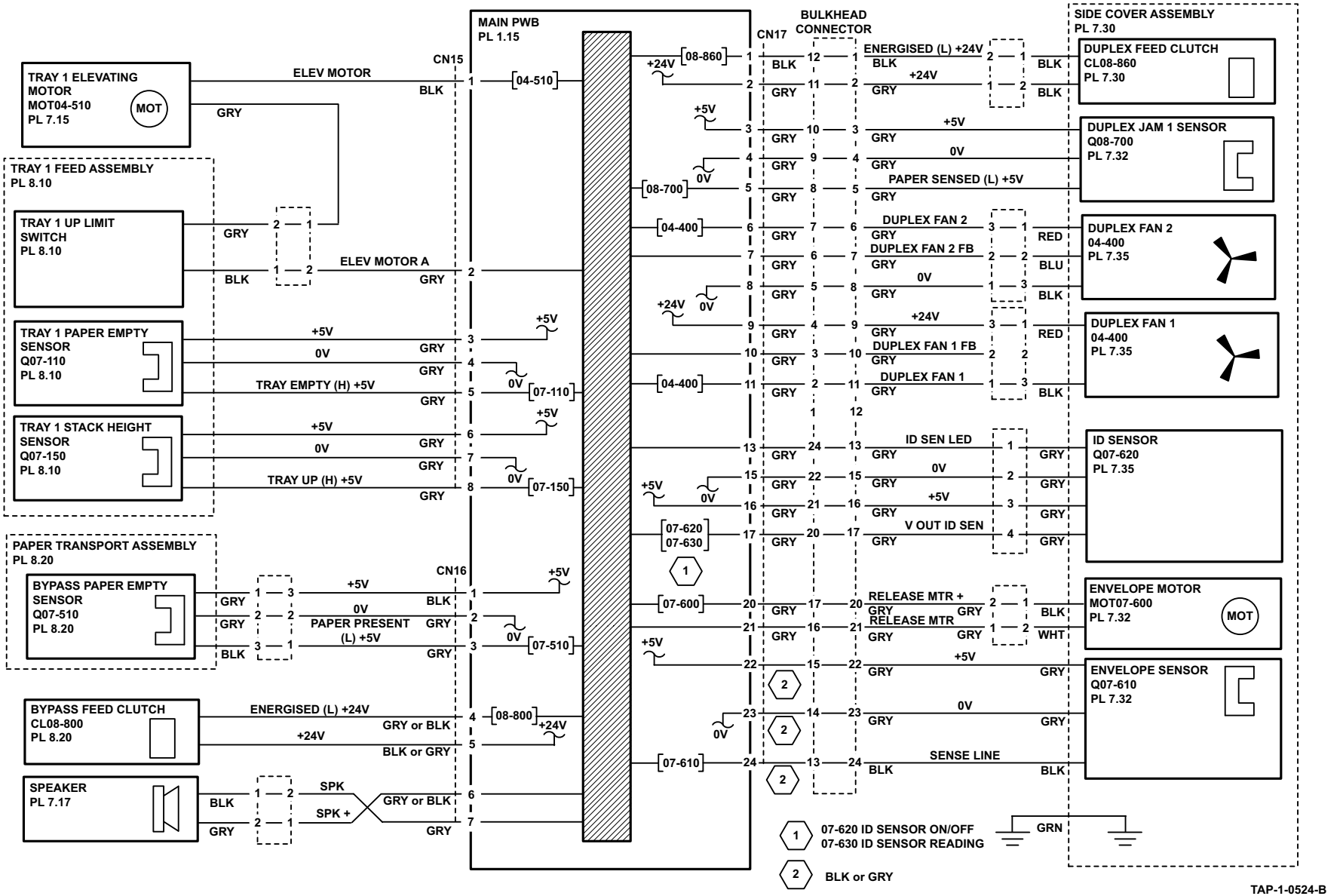

Figure 25 WD 25 (4250/4260)

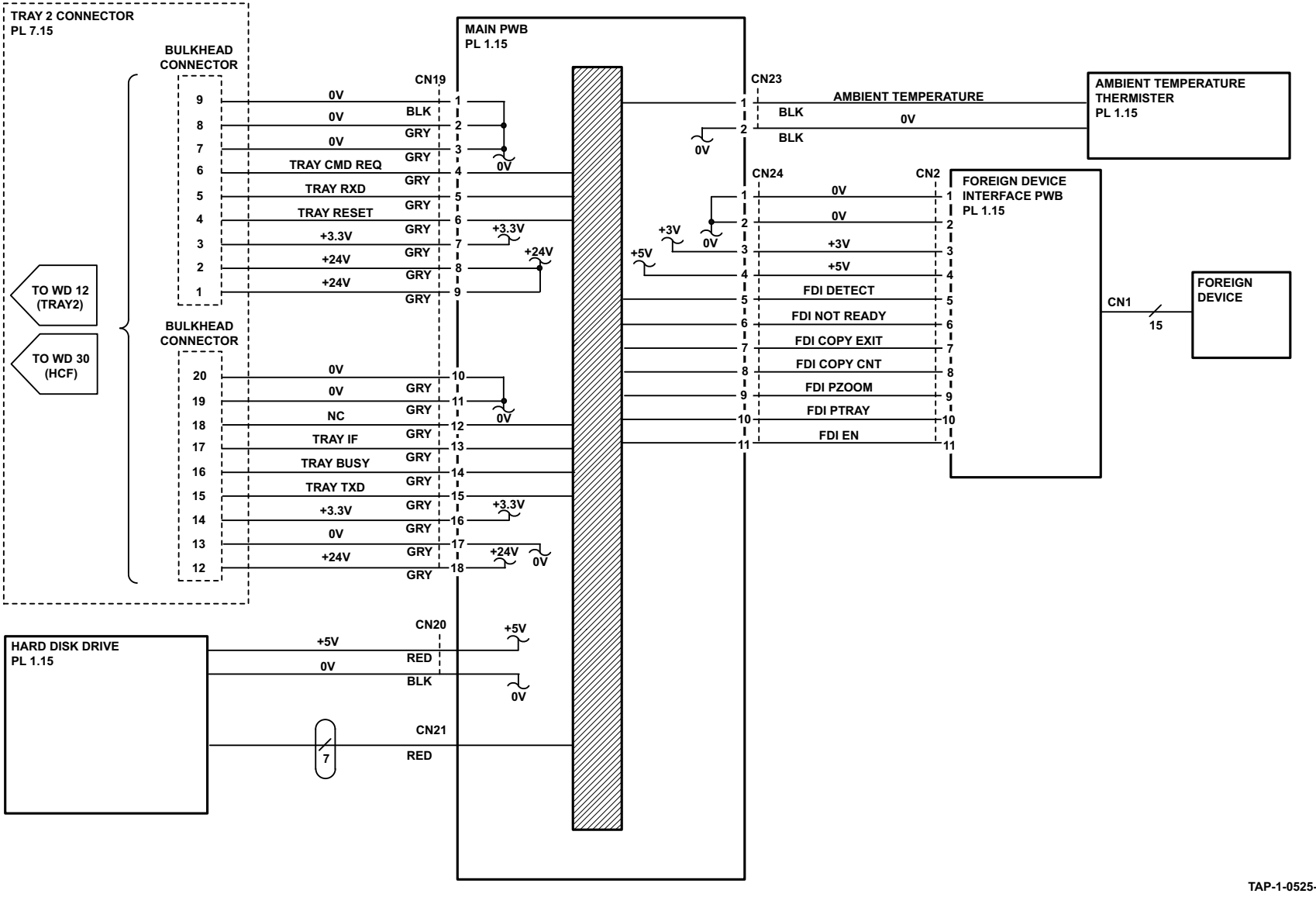

Figure 26 WD 26 (4250/4260)

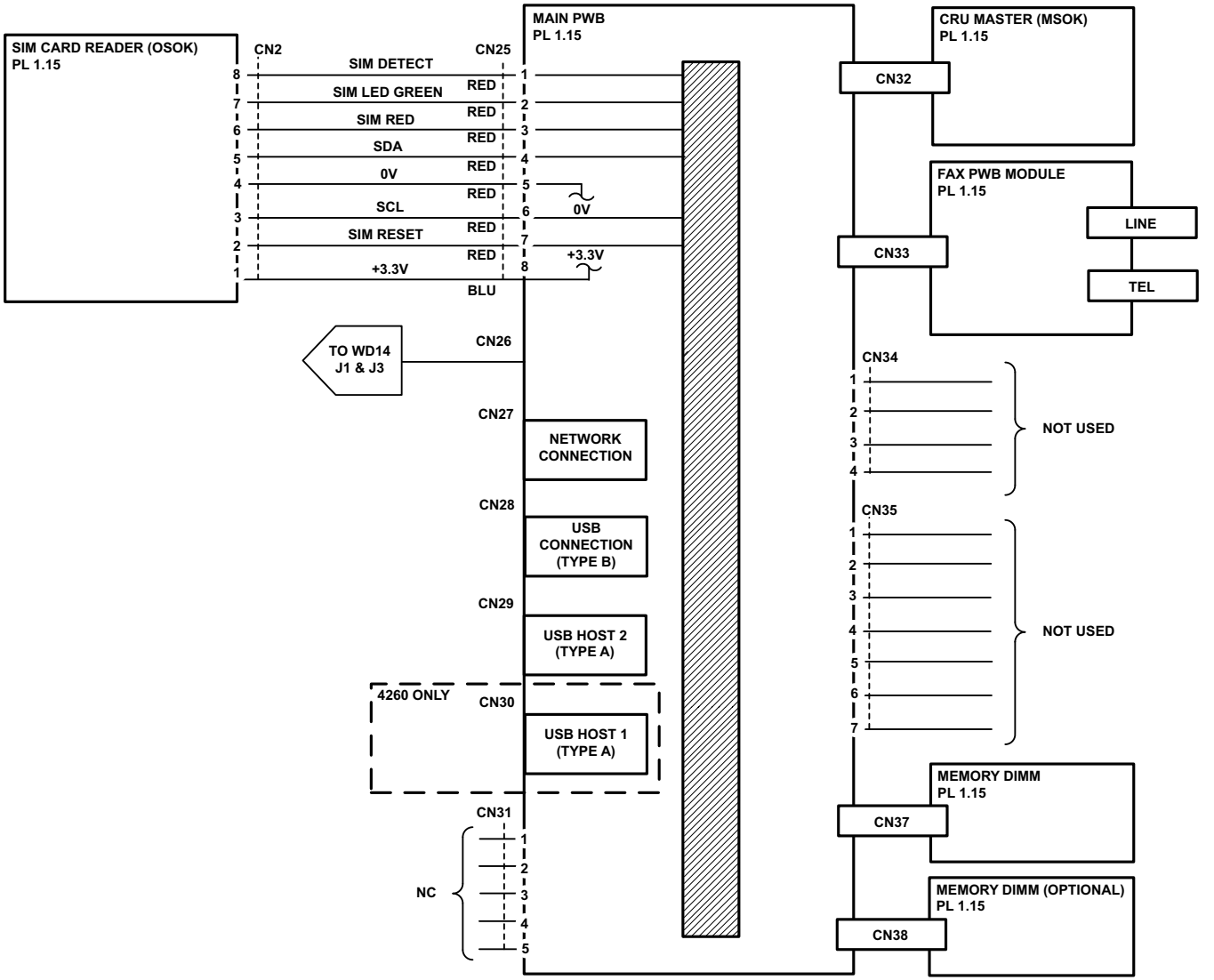

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Figure 27 WD 27 (4250/4260)

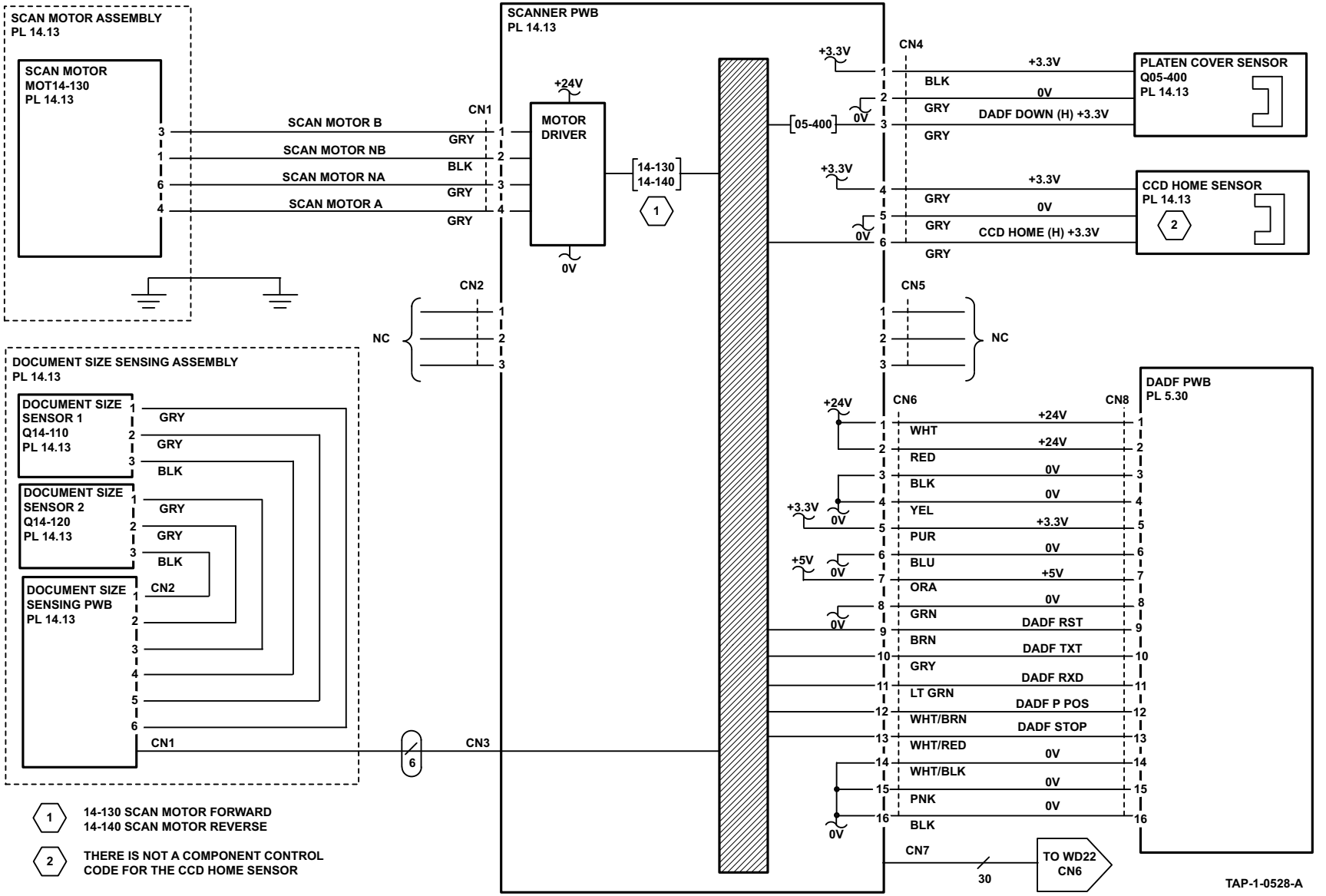


Figure 28 WD 28 (4250/4260)

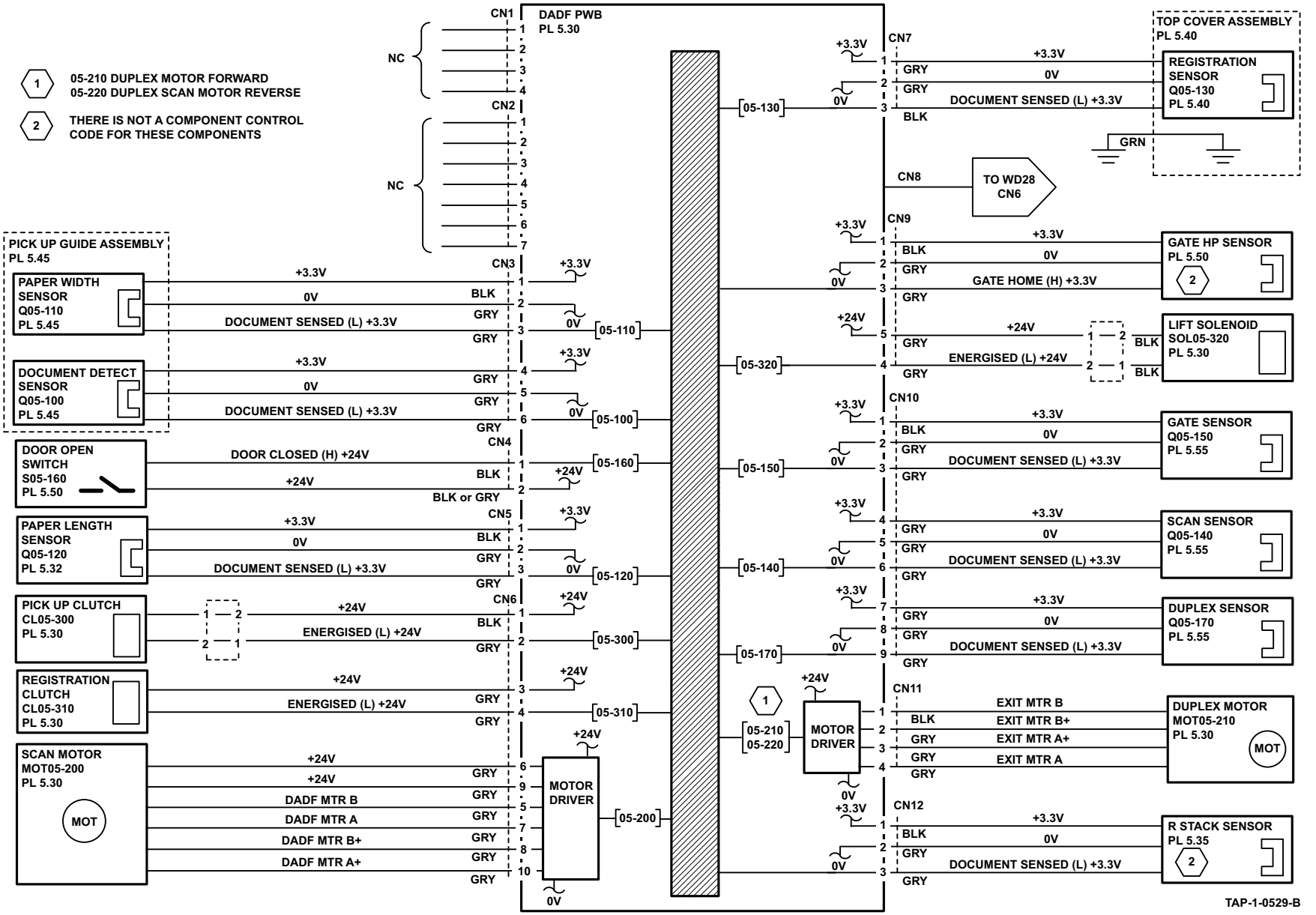


Figure 29 WD 29 (4250/4260)

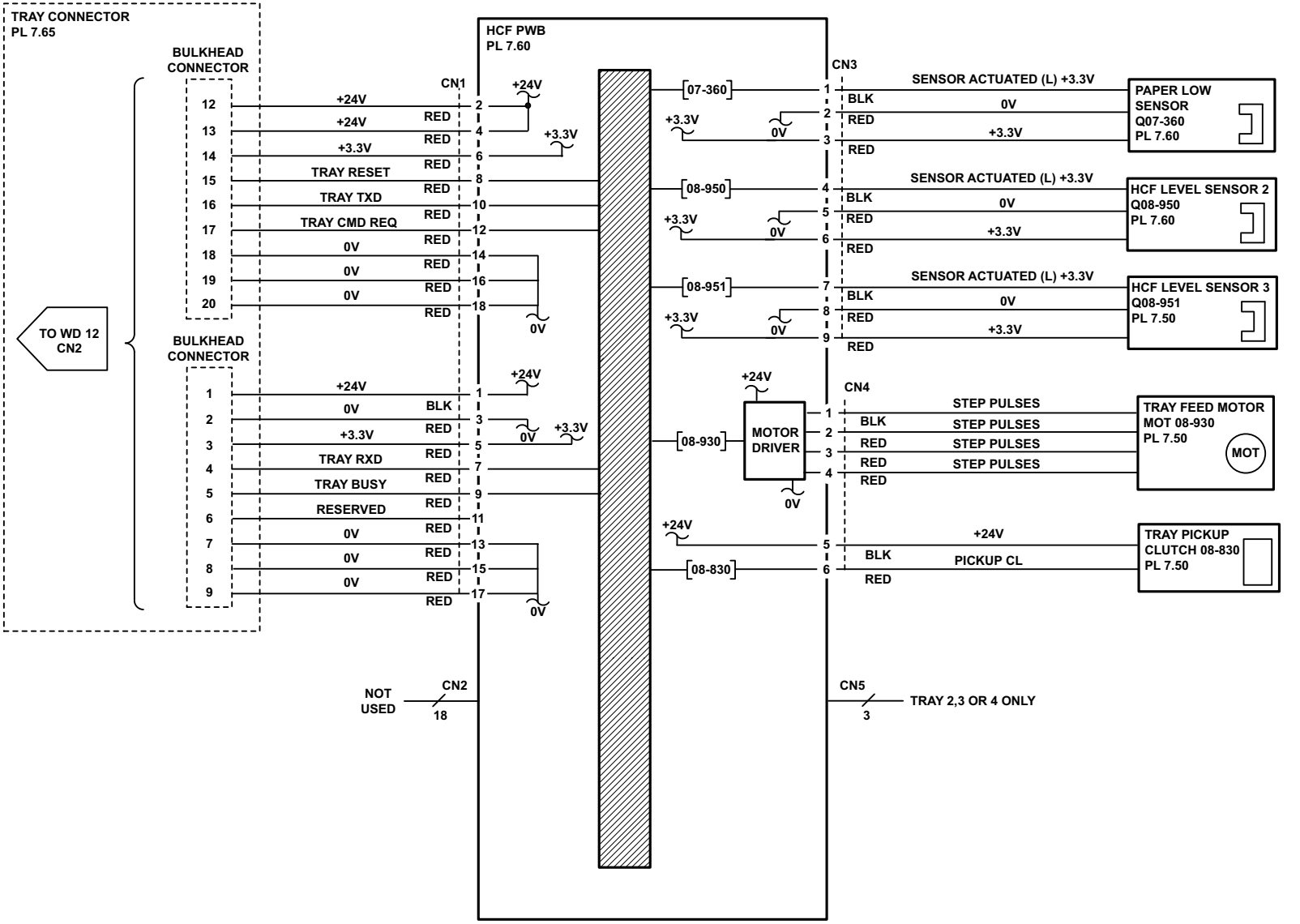


Figure 30 WD 30 (4250/4260)

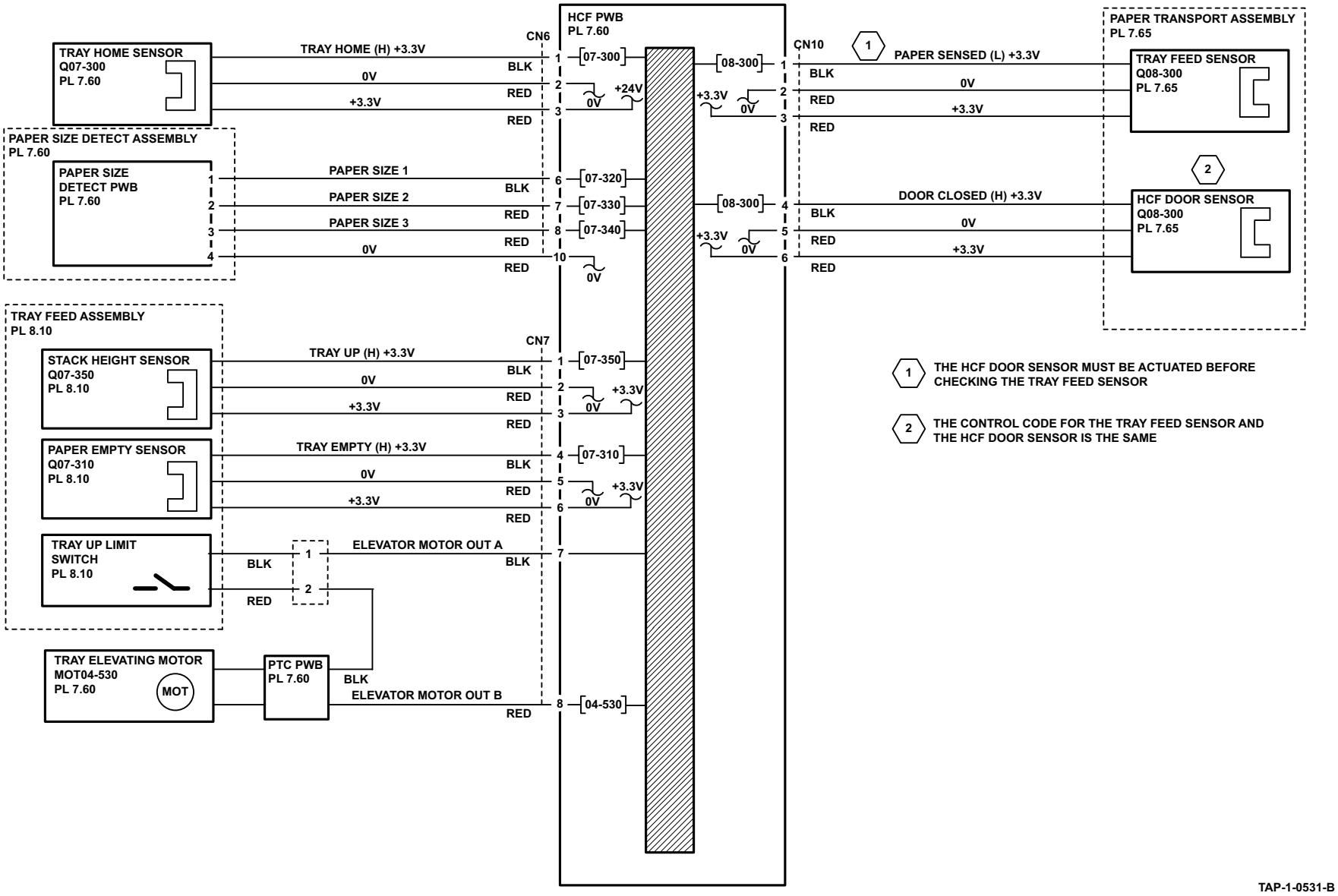


Figure 31 WD 31 (4250/4260)

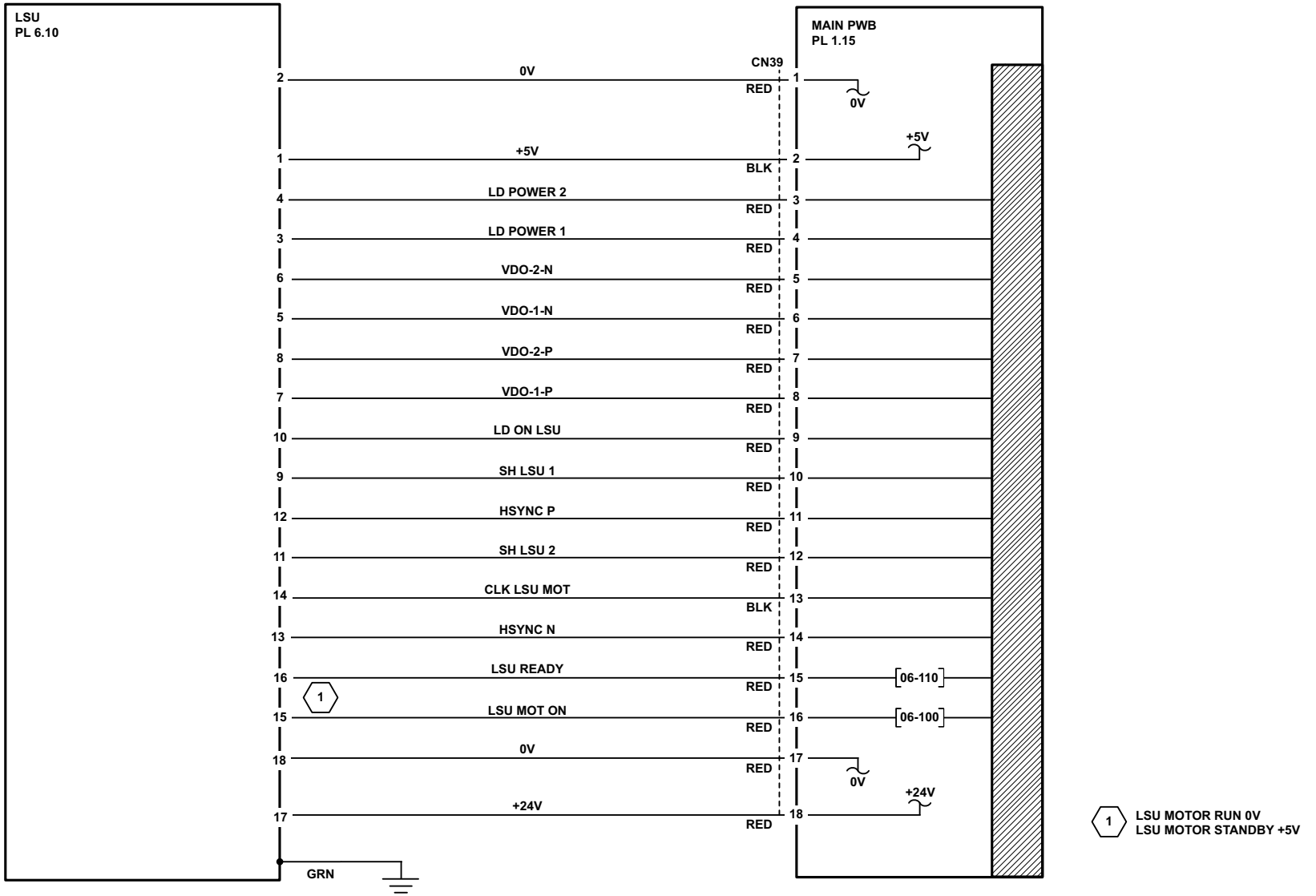


Figure 32 WD 32 (4250)

PWB Connectors

Connector Locations

NOTE: Part list references are given with each figure.

1. Power supply unit 1 (4150), Figure 1.
2. Power supply unit 2 (4150), Figure 2.
3. HVPS (4150), Figure 3.
4. Main PWB (4150), Figure 4.
5. Scanner PWB (4150), Figure 5.
6. UI PWB (4150), Figure 6.
7. DADF PWB (4150), Figure 7.
8. DADF Sensor PWB (4150), Figure 8.
9. Finisher PWB, Figure 9.
10. Tray 2, 3, 4 and HCF PWB, Figure 10.
11. Power supply unit 1 (4250/4260), Figure 11.
12. Power supply unit 2 (4250/4260), Figure 12.
13. HVPS (4250/4260), Figure 13.
14. Main PWB (4250/4260), Figure 14.
15. Scanner PWB (4250/4260), Figure 15.
16. UI PWB (4250/4260), Figure 16.
17. UI left keys PWB (4250/4260), Figure 17.
18. DADF PWB (4250/4260), Figure 18.

Power Supply Unit 1 (4150)

Location: PL 1.10 Item 3

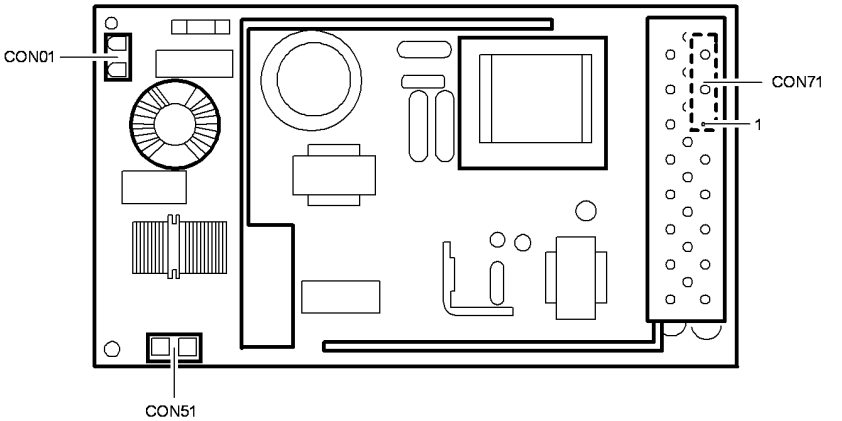


Figure 1 Power supply unit 1 (4150)

Power Supply Unit 2 (4150)

Location: PL 1.10 Item 4

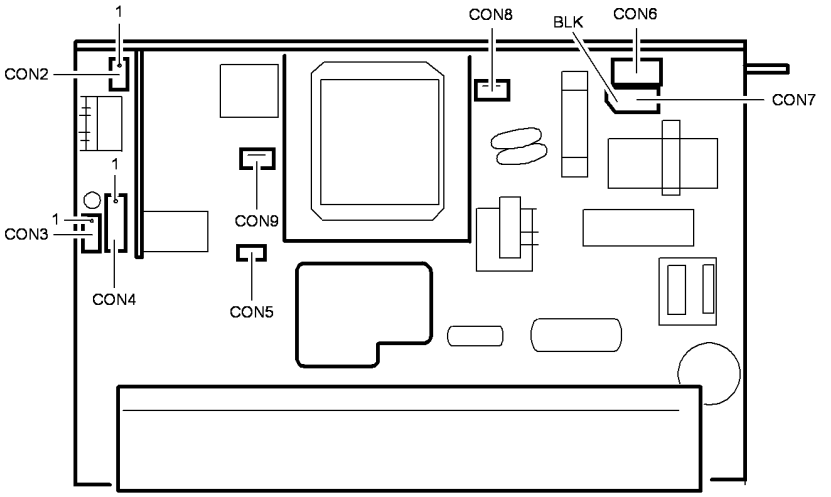


Figure 2 Power supply unit 2 (4150)

HVPS (4150)

Location: PL 1.10 Item 2

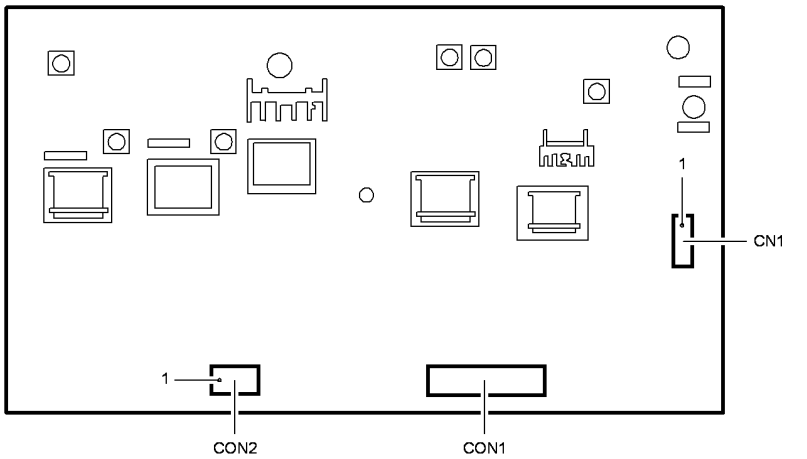


Figure 3 HVPS (4150)

Main PWB (4150)

Location: PL 1.10 Item 1

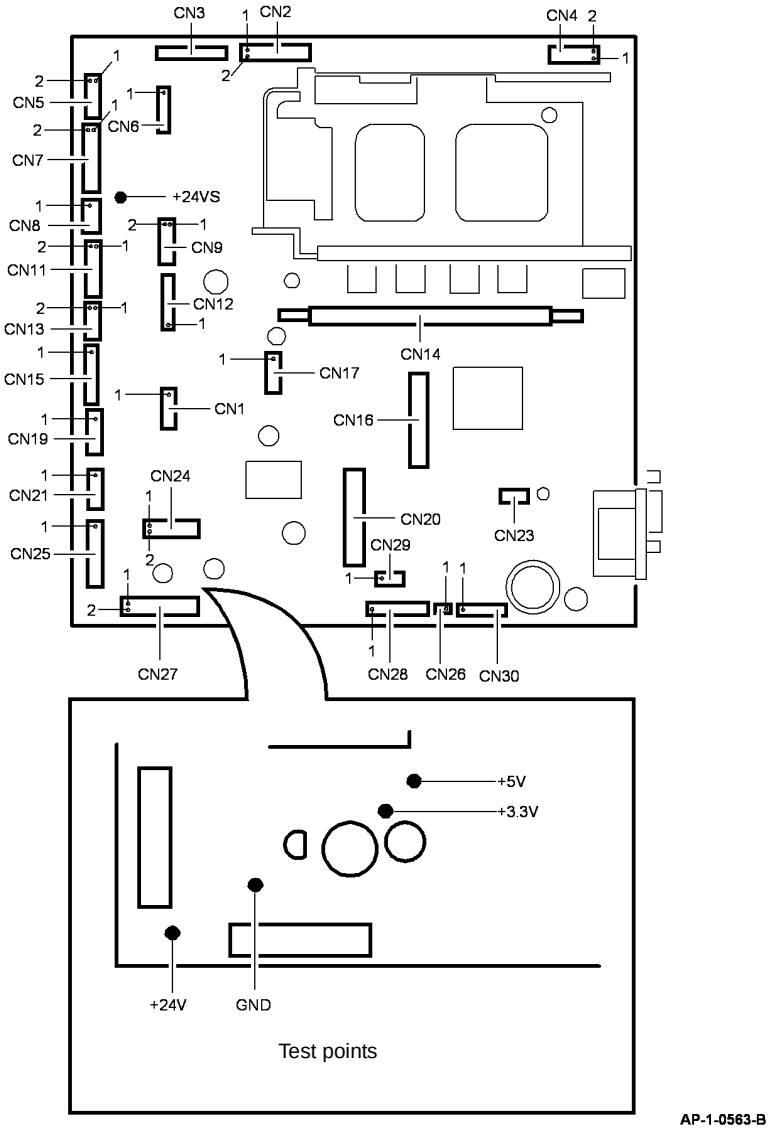


Figure 4 Main PWB (4150)

Scanner PWB (4150)

Location: PL 14.10 Item 15

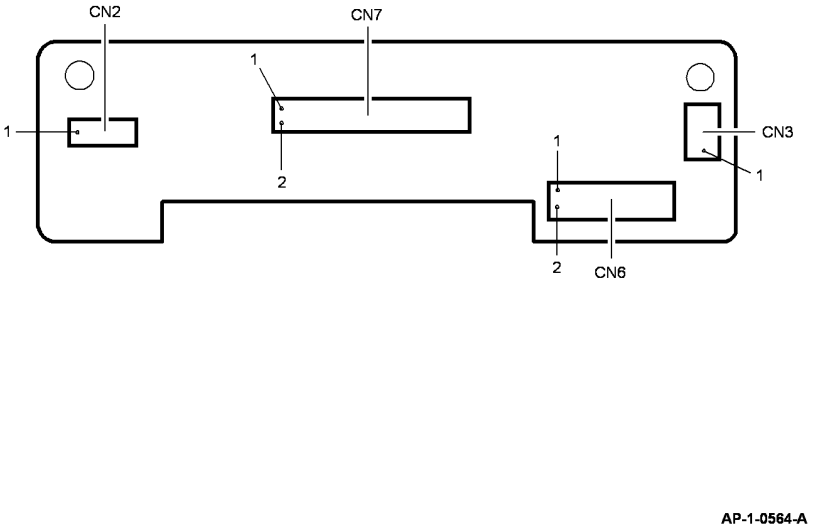
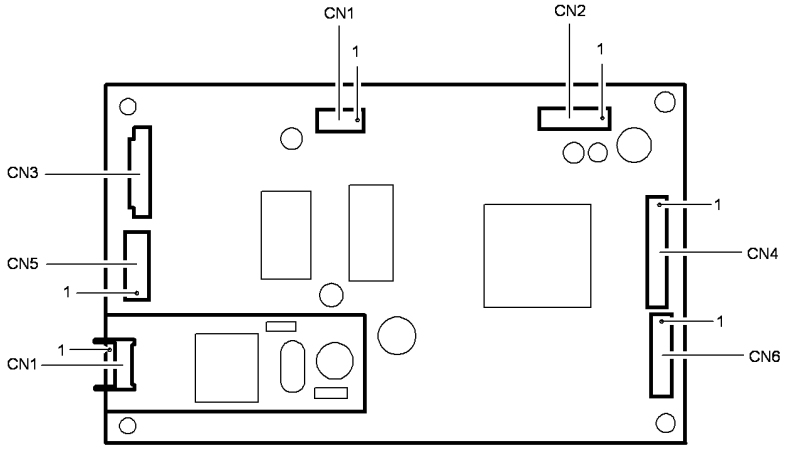


Figure 5 Scanner PWB (4150)

UI PWB (4150)

Location: PL 2.10 Item 4

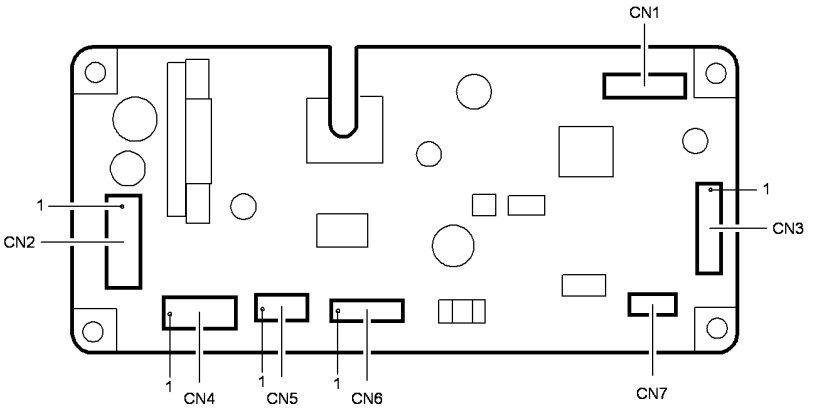


AP-1-0569-A

Figure 6 UI PWB (4150)

DADF PWB (4150)

Location: PL 5.20 Item 6



AP-1-0567-A

Figure 7 DADF PWB (4150)

DADF Sensor PWB (4150)

Location: PL 5.20 Item 4

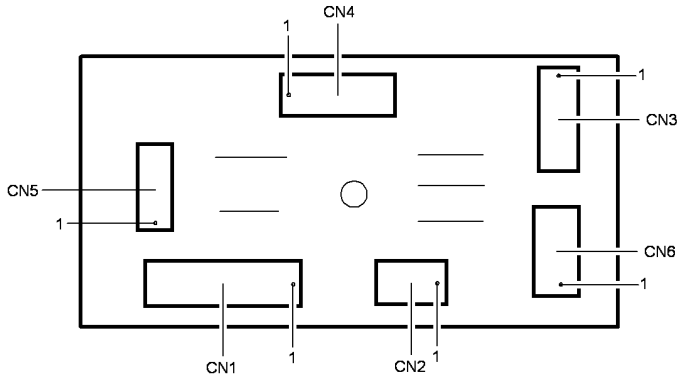


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Figure 8 DADF Sensor PWB (4150)

Finisher PWB

Location: PL 12.10 Item 8

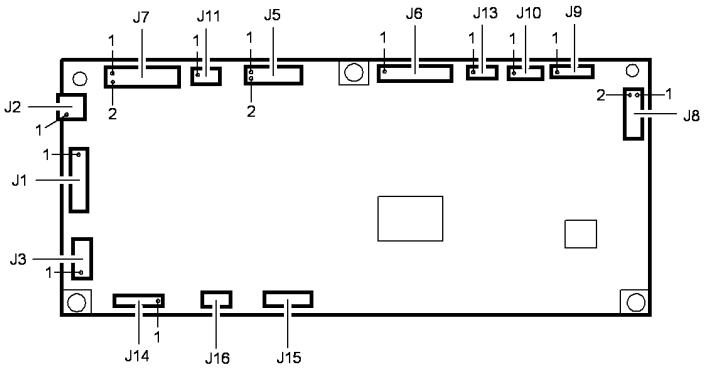

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Figure 9 Finisher PWB

Tray/HCF PWB

Location: PL 7.20 Item 6 and PL 7.60 Item 7

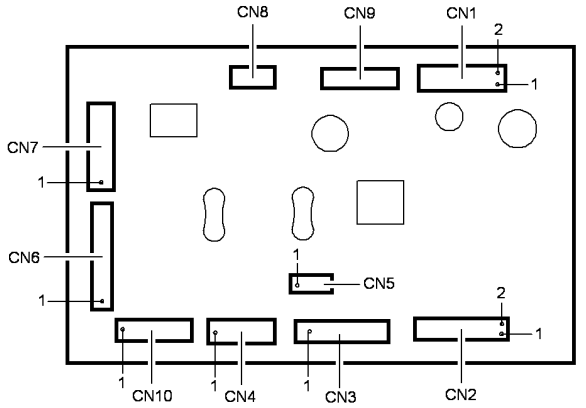

Figure 10 Tray/HCF PWB

Power Supply Unit 1 (4250/4260)

Location: PL 1.15 Item 3

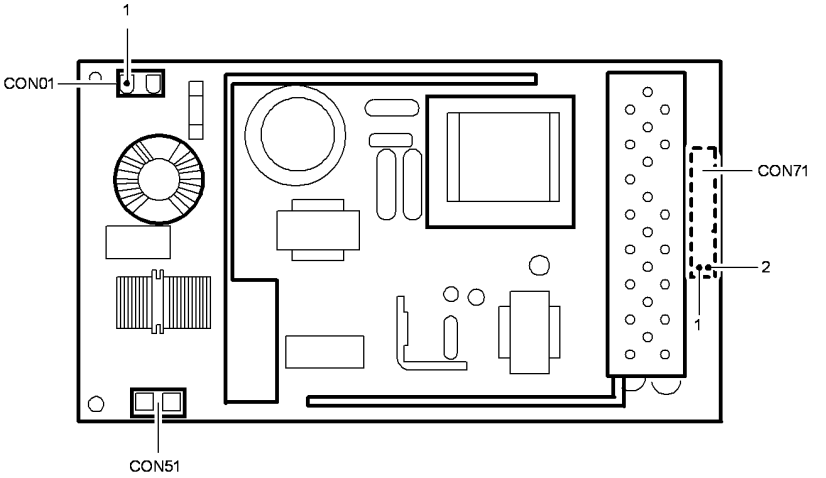

Figure 11 Power supply unit 1 (4250/4260)

Power Supply Unit 2 (4250/4260)

Location: PL 1.15 Item 4

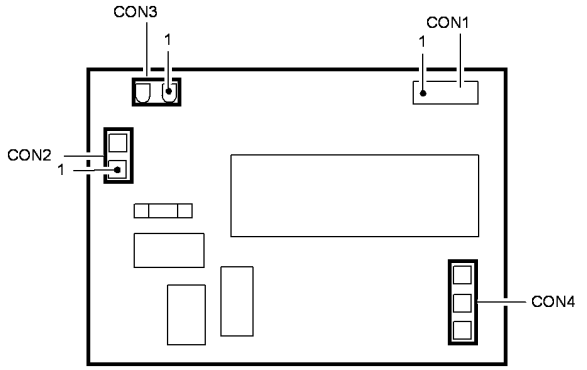

Figure 12 Power supply unit 2 (4250/4260)

HVPS (4250/4260)

Location: PL 1.15 Item 2

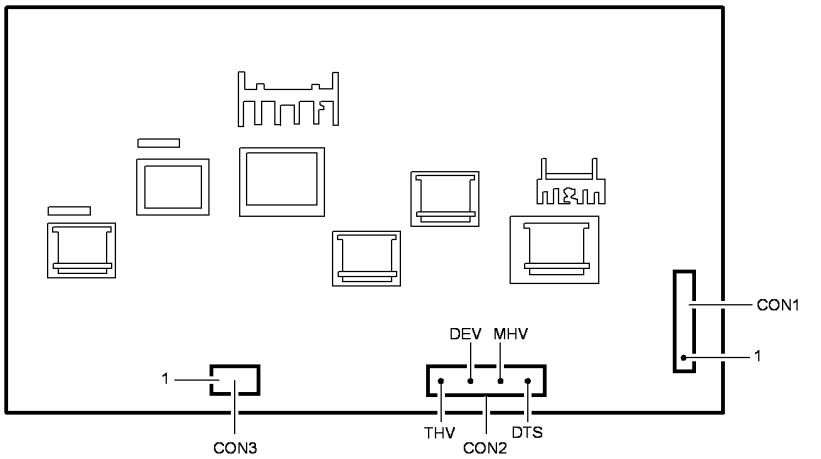

Figure 13 HVPS (4250/4260)

Main PWB (4250/4260)

Location: PL 1.15 Item 1

NOTE: *CN39 is not connected on 4260. CN4 is not connected on 4250.*

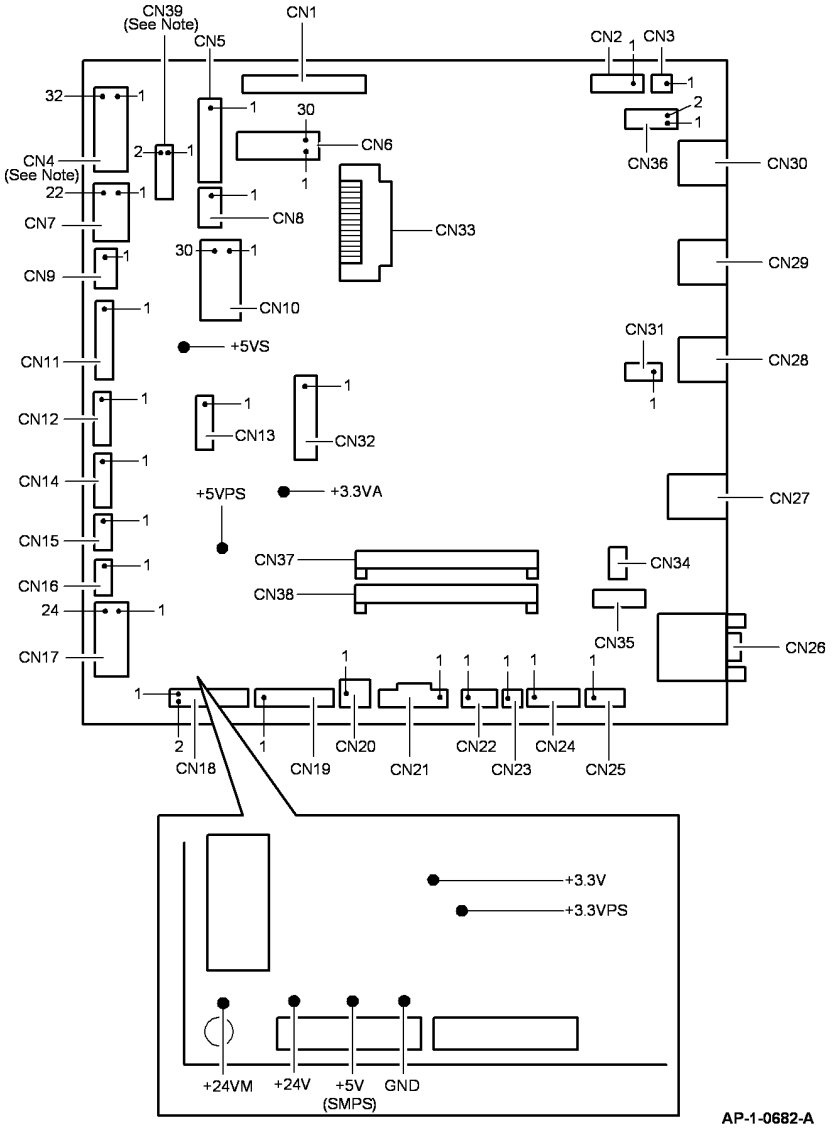

Figure 14 Main PWB (4250/4260)

Scanner PWB (4250/4260)

Location: PL 14.13 Item 15

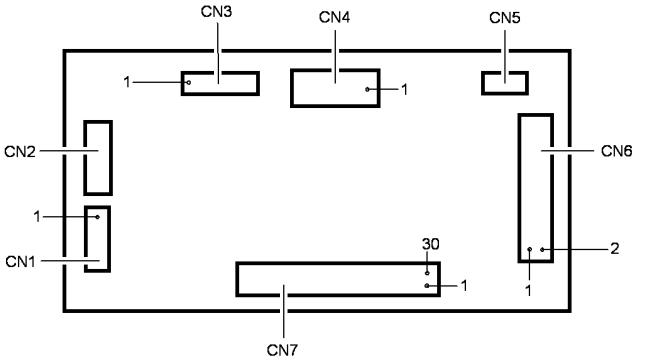

Figure 15 Scanner PWB (4250/4260)

UI PWB (4250/4260)

Location: PL 2.12 Item 4

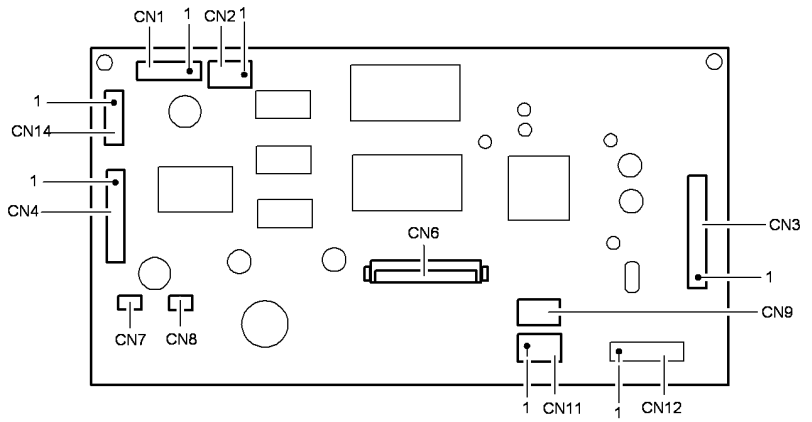

Figure 16 UI PWB (4250/4260)

UI Left Keys PWB (4250/4260)

Location: PL 2.12 Item 5

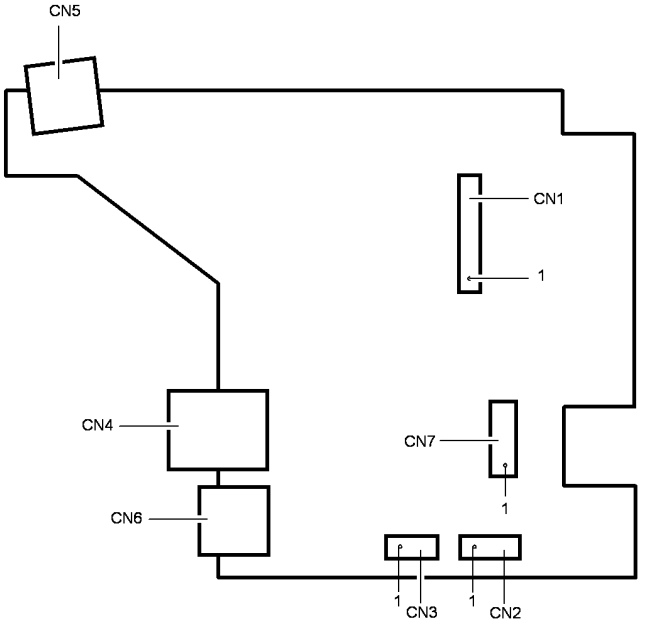

Figure 17 UI Left Keys PWB (4250/4260)

DADF PWB (4250/4260)

Location: PL 5.30 Item 24

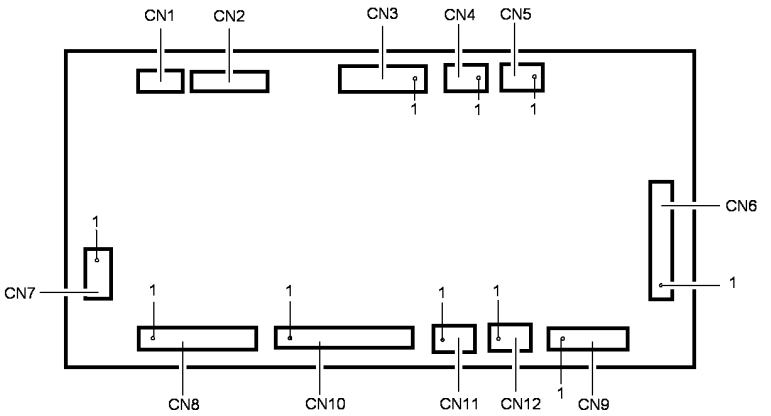

Figure 18 DADF PWB (4250/4260)

8 Accessories

ACC 1 Foreign Device Interface PWB Checkout 8-3
ACC 2 Foreign Device Interface Installation 8-3

ACC 1 Foreign Device Interface PWB Checkout

Procedure

Go to the 03-500, 510, 520, 558, 559 Foreign Device Interface Fault RAP.

ACC 2 Foreign Device Interface Installation

Procedure

Go to the relevant procedure:

- 4150 Install
- 4250/4260 Install

4150 Install

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

Installing the Foreign Device Interface

1. Unpack the components of the foreign device interface kit.
2. If necessary, disconnect the finisher harness and the network cable.
3. If necessary, remove the fax module, PL 1.10 Item 14.

   NOTE: *Leave the fax cable connected to the fax module.*

4. Remove the infill cover, PL 1.10 Item 19.
5. Carefully remove the foreign device interface push-out from the infill cover, Figure 1.

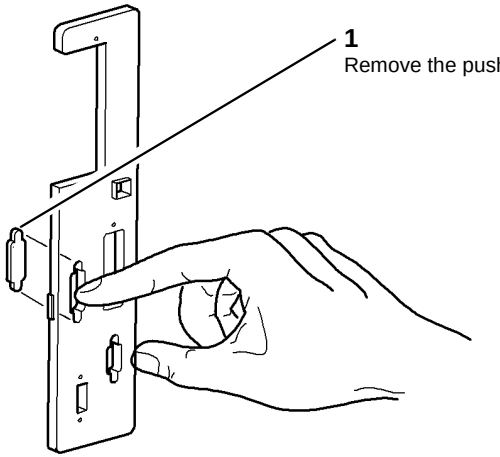

Figure 1 Push-out removal

6. Remove the rear cover, PL 28.10 Item 6.

7. Install the foreign device interface PWB. Secure using the 2 cross head screws supplied in the kit, Figure 2.

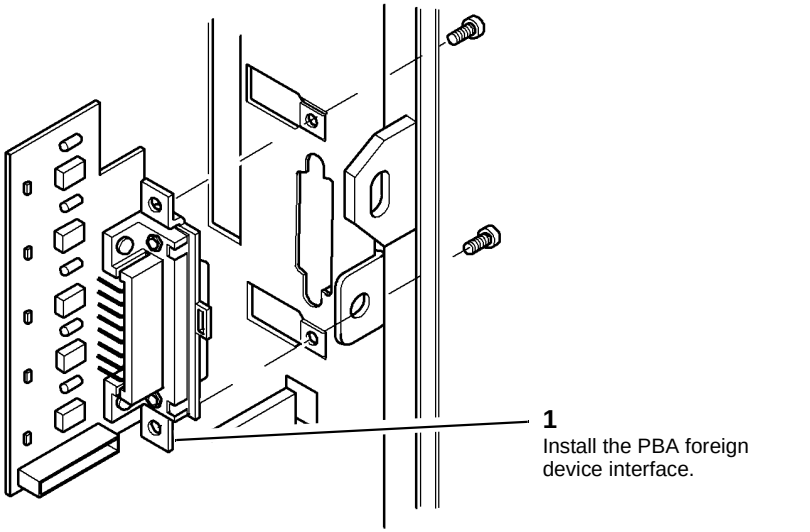

Figure 2 Installation

8. Connect the foreign device interface harness. Connect the harness to CN28 on the main PWB, Figure 3.

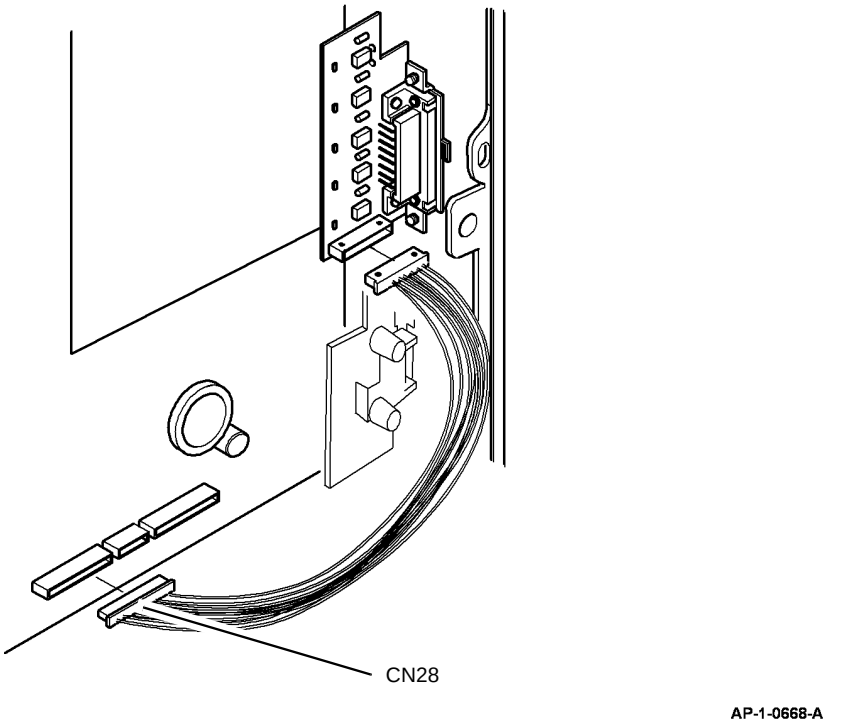

Figure 3 Harness install

9. Reinstall the infill cover.
10. Reinstall the rear cover.
11. If necessary, reinstall the fax module.
12. If necessary, reinstall the network cable and the finisher harness.
13. Go to Enabling the Foreign Device Interface.

Enabling the Foreign Device Interface

1. Switch on the machine.
2. Enter System Admin Tools, GP 4.
3. Select ‘Access and Accounting’.
4. Select ‘Authentication Mode’.
5. Under Foreign Device Interface, select ‘On’.
6. Select ‘Save’.
7. In the Access and Accounting’ window, select ‘Foreign Device Interface Setup’.
8. Correctly setup the foreign device interface.
9. Exit System Admin Tools.

WARNING

Switch off the electricity to the machine. Disconnect the power cord from the customer supply while performing tasks that do not need electricity. Electricity can cause death or injury. Moving parts can cause injury.

WARNING

Take care during this procedure. Sharp edges may be present that can cause injury.

CAUTION

Before performing this procedure, refer to General Disassembly Precautions, GP 10.

Installing the Foreign Device Interface

1. Unpack the components of the foreign device interface kit.
2. If necessary, disconnect the finisher harness and the network cable.
3. If necessary, remove the fax module, PL 1.15 Item 14.

   NOTE: *Leave the fax cable connected to the fax module.*

4. Remove the infill cover, PL 1.15 Item 19.
5. Carefully remove the foreign device interface push-out from the infill cover, Figure 4.

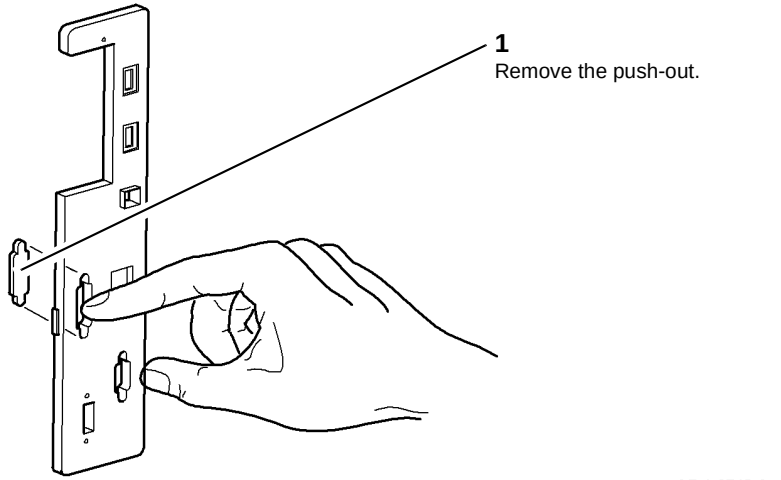

Figure 4 Push-out removal

6. Remove the rear cover, PL 28.10 Item 6.
7. Install the foreign device interface PWB. Secure using the 2 cross head screws supplied in the kit, Figure 5.

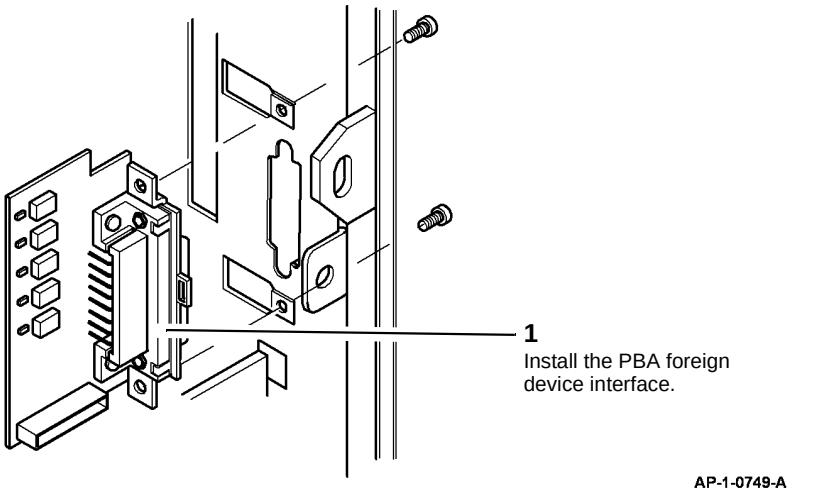

Figure 5 Installation

8. Connect the foreign device interface harness. Connect the harness to CN24 on the main PWB, Figure 6.

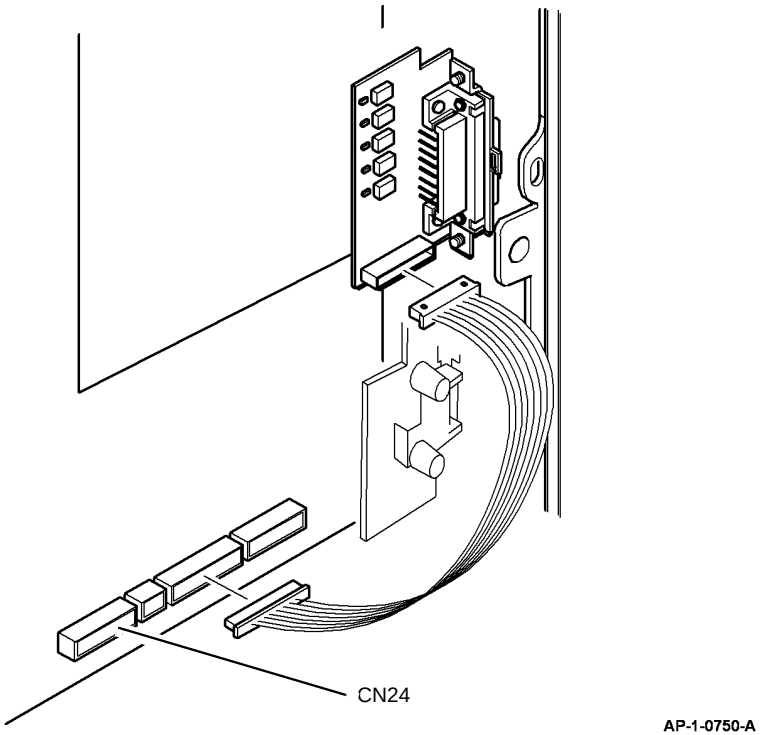

Figure 6 Harness install

9. Reinstall the infill cover.
10. Reinstall the rear cover.
11. If necessary, reinstall the fax module.
12. If necessary, reinstall the network cable and the finisher harness.
13. Go to Enabling the Foreign Device Interface.

Enabling the Foreign Device Interface

1. Switch on the machine.
2. Enter System Admin Tools, GP 4.
3. Press the Machine Status key.
4. Select the Tools tab.
5. Select ‘Accounting’.
6. Select ‘Authentication Mode’.
7. Under Foreign Device Interface, select ‘On’.
8. Select ‘Save’.
9. Select ‘Foreign Interface Device Setup’.
10. Correctly setup the foreign device interface.
11. Exit System Admin Tools.

CONFIDENTIAL (when filled in)

EHS 700 - Health & Safety Incident Report Form
for Incidents Involving a Xerox Product

For incidents in Canada: PIPEDA consent given ☒ **YES** ☐ **NO**	**EH&S Office Use ONLY** EH&S Incident Reference Number:
PIPEDA is the Canadian "Personal Information Protection and Electronic Documents Act."	

***Date Of Incident** (mm / dd / yy):

Product Description

***Model No. or Product Name**:

Product Serial Number:	**Serial Number(s) of Accessory (ies):**
Installation Date:	**Total Copy Meter**:

Date of last service maintenance:

List damaged and affected part(s) of the machine by description and part number:

*Description	Part Number

***Location of product and affected part(s):**

Customer Identification

***Customer Name:**	***Name of Customer Contact Person**:	
***Address:**	**E-mail:**	***Telephone**:
		Fax:

Customer Service Engineer Identification

***Name** (required for Xerox serviced equipment):	**Employee**:	**E-mail**:
Location:	***Phone** (required for Xerox serviced equipment):	

Individual Providing Notification

***Name**:	***Title**:	***Telephone Number**:
***Organization**:		**E-Mail:**
Mailing Address:		***Date Report Submitted**:

***** Required information is preceeded by asterisk, **title shown in red**, turquoise wash background

Details of Incident

***Description Of Incident:** **(Check all that apply)**

☐ Smoke

Describe quantity and duration of smoke:

☐ Fire with open flames seen

☐ Electric shock to operator or service representative

☐ Physical injury/illness to operator or service representative

Describe:

☐ Other, **Describe**:

MANDATORY DESCRIPTION (above): Provide a detailed description of all valid factors that may have contributed to the incident. Hardware involved in the incident should be preserved and retained for further investigation should investigation be deemed necessary by EH&S.

LIST INCIDENT DESCRIPTIONS AND SUPPORT DIAGRAMS/DATA INCLUDED OR ATTACHED:

***Any damage to customer property?** No ☐ Yes ☐ Describe:

***Did external emergency response provider(s) such as fire department, ambulance, etc. respond?**

No ☐ Yes ☐ Identify: (i.e., source, names of individuals)

Apparent cause of incident (identify part that is suspect to be responsible for the incident)

***Preliminary actions taken to mitigate incident:**

Instructions: E-mail or fax both pages of this completed form to EH&S:

- For incidents in **Xerox Europe** and **Developing Markets East**
  (Middle East, Africa, India, China, and Hong Kong)
  Submit to Elaine Grange
  e-mail: ehs-europe@xerox.com or **fax**: +44 (0) 1707 35 3914 [Intelnet 8*668 3914]
- For incidents in **North America** and **Developing Markets West**
  (Brazil, Mexico, Latin America North and Latin America South,
  Submit form to Doris Bush
  e-mail: usa.xerox.ehs@xerox.com or fax 888-845-0908 [1-585-422-7918 / Intelnet 8*222-7734]

***** Required information is preceeded by asterisk, **title shown in red**, turquoise wash background